

Customer

Flow cytometry reagent and antibody

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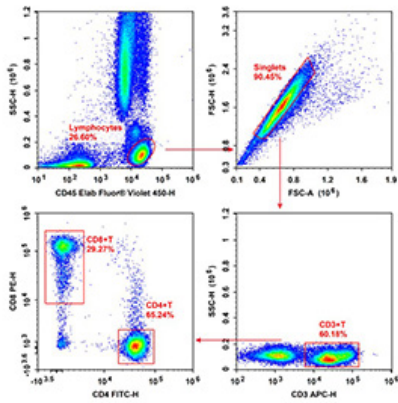
Flow Cytometry (FCM) directly detects antigens using fluorescently conjugated antibodies. These labeled antibodies cause individual cells or particles to become fluorescent, enabling them to be sorted by the Flow Cytometer or cell sorter.

Elabscience® offers a wide selection of Flow Cytometry antibodies with various dye options and an extensive range of both intracellular and extracellular protein targets to choose from. The labeling efficiency and affinity of these antibodies have been validated, ensuring you get the most suitable antibody for your Flow Cytometry research.

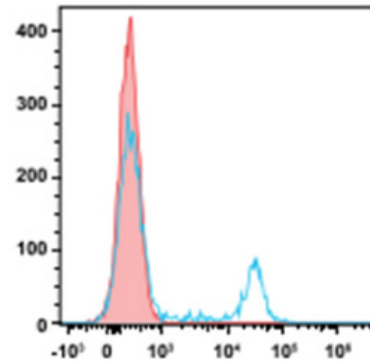
Elabscience® can provide Panel Design Services, helping you quickly and easily complete your Flow Cytometry multi-color panel available for your Flow Cytometer. In addition, Elabscience® can also provide free Spectrum viewer Tool and professional Flow Cytometry Data Analysis Services, truly providing you with an overall Flow Cytometry solution.



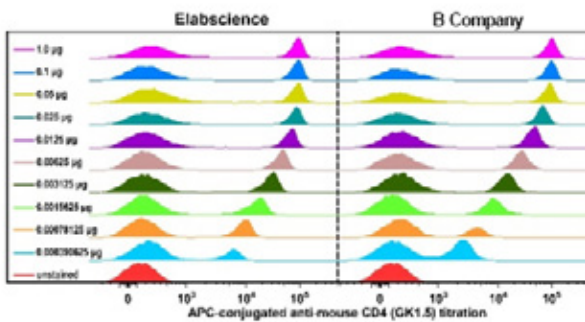
Advantages of Elabscience® Flow Cytometry Antibodies



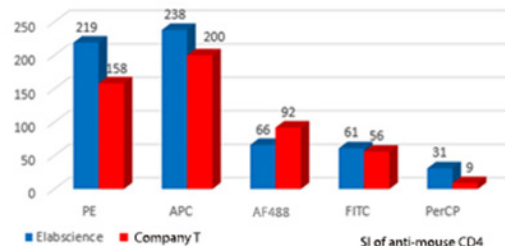
Extraordinary performance in multicolor Flow Cytometry experiments



Optimizing the fluorescence coupling technique to reduce background interference in FCM staining.



A good separation effect can be achieved across multiple concentration gradients



The higher staining index, the better separation effect of negative and positive cell groups

Advanced labeling technology ensures the reliability of experimental results.



Elabscience® Hot Flow Cytometry Antibodies

| Cell Subpopulation | Species | Target |
|--------------------|---------------|---|
| T Cells | Human | CD3-PE · CD4-FITC · CD8a-APC |
| | Mouse | CD3-PE · CD4-FITC · CD8a-APC |
| B Cells | Human | CD3-FITC · CD19-APC |
| | Mouse | CD3-FITC · CD19-APC |
| NK Cells | Human | CD45-APC · CD3-FITC · CD16-PE · CD56-PE |
| | BALB/c Mouse | CD3-FITC · CD49b-APC |
| | C57BL/6 Mouse | CD3-FITC · NK1.1-APC |
| Th1/Th2/Th17 Cells | Human | CD3-PerCP/Cyanine5.5 · CD4-FITC · IFN-γ-PE · IL-4-APC |
| | Mouse | CD3-PerCP/Cyanine5.5 · CD4-FITC · IFN-γ-PE · IL-4-APC |
| Treg Cells | Human | CD4-FITC · CD25-PE · CD127-APC |
| | Mouse | CD4-FITC · CD25-PE · CD127-APC |

Elabscience® Flow Cytometry Antibodies Labels

| Fluorochrome | Fluorescence Emission Color | Excitation Laser Lines (nm) | Excitation Max(nm) | Emission Max(nm) | Relative Fluorochrome Brightness |
|------------------------|-----------------------------|-----------------------------|--------------------|------------------|----------------------------------|
| Elab Fluor® Violet 450 | Blue | 405 | 410 | 450 | ● ● |
| Elab Fluor® Violet 500 | Green | 405 | 410 | 501 | ● |
| Elab Fluor® 488 | Green | 488 | 495 | 520 | ● ● ● |
| Elab Fluor® 488 | Green | 488 | 490 | 530 | ● ● ● |
| FITC | Yellow | 405 | 402 | 548 | ● ● |
| Elab Fluor® Violet 540 | Yellow | 488/561 | 495, 565 | 575 | ● ● ● ● ● ● |
| PE | Orange | 405 | 421 | 613 | ● ● |
| Elab Fluor® Violet 610 | Orange | 488/561 | 495, 565 | 620 | ● ● ● ● ● ● |
| PE/Elab Fluor® 594 | Red | 633 | 650 | 660 | ● ● ● ● |
| APC | Red | 633 | 650 | 670 | ● ● ● ● |
| Elab Fluor® 647 | Red | 488/561 | 495, 565, 655 | 670 | ● ● ● ● |
| PE/Cyanine5 | Red | 488 | 440, 480, 675 | 675 | ● |
| PerCP | Red | 488 | 440, 480, 675 | 675 | ● ● ● |
| PerCP/Cyanine5.5 | Far Red | 488/561 | 495, 565, 675 | 690 | ● ● ● ● |
| Elab Fluor®700 | Far Red | 640 | 696 | 719 | ● ● ● ● |
| PE/Cyanine7 | Infrared | 488/561 | 495, 565, 755 | 775 | ● ● ● ● ● ● |
| Elab Fluor® Red 780 | Infrared | 633 | 625 | 765 | ● ● |
| APC/Cyanine7 | Infrared | 633 | 650, 760 | 780 | ● |



PROMOTION

Flow cytometry reagent and antibody

PROMO 20%

Limited-Time Promotion

| SKU | Description | List Price | Net Price |
|------------------------|--|------------|-----------|
| E-CK-A105-500mL | 10xACK Lysis Buffer - Size: 500mL | 45,00 € | 36,00 € |
| E-CK-A111-200Tests | Annexin V-FITC Reagent - Size: 200Tests | 298,00 € | 238,40 € |
| E-CK-A211-200Assays | Annexin V-FITC/PI Apoptosis Kit - Size: 200Assays | 350,00 € | 280,00 € |
| E-AB-FC0003-100Testsx2 | Anti-Human CD3-FITC/CD4-PE/CD45-PerCP-Cyanine5.5 Cocktail - Size: 100Tes | 365,00 € | 292,00 € |
| E-AB-F1209E-100Testsx2 | APC Anti-Human CD14 Antibody[M5E2] - Size: 100Testsx2 | 192,00 € | 153,60 € |
| E-AB-F1161E-100Testsx2 | APC Anti-Human CD206/MMR Antibody[15-2] - Size: 100Testsx2 | 396,00 € | 316,80 € |
| E-AB-F1001E-100Testsx2 | APC Anti-Human CD3 Antibody[OKT-3] - Size: 100Testsx2 | 115,00 € | 92,00 € |
| E-AB-F1230E-100Testsx2 | APC Anti-Human CD3 Antibody[UCHT1] - Size: 100Testsx2 | 115,00 € | 92,00 € |
| E-AB-F1109E-100Testsx2 | APC Anti-Human CD4 Antibody[RPA-T4] - Size: 100Testsx2 | 133,00 € | 106,40 € |
| E-AB-F1214E-100Testsx2 | APC Anti-Human CD40 Antibody[G28.5] - Size: 100Testsx2 | 312,00 € | 249,60 € |
| E-AB-F1137E-100Testsx2 | APC Anti-Human CD45 Antibody[HI30] - Size: 100Testsx2 | 135,00 € | 108,00 € |
| E-AB-F1110E-100Testsx2 | APC Anti-Human CD8a Antibody[OKT-8] - Size: 100Testsx2 | 110,00 € | 88,00 € |
| E-AB-F1100E-100Testsx2 | APC Anti-Human/Mouse CD44 Antibody[IM7] - Size: 100Testsx2 | 160,00 € | 128,00 € |
| E-AB-F0991E-100Testsx2 | APC Anti-Mouse CD11c Antibody[N418] - Size: 100Testsx2 | 87,00 € | 69,60 € |



| SKU | Description | List Price | Net Price |
|------------------------|---|------------|-----------|
| E-AB-F0987E-100Testsx2 | APC Anti-Mouse CD161/NK1.1 Antibody[PK136] - Size: 100Testsx2 | 87,00 € | 69,60 € |
| E-AB-F1295E-100Testsx2 | APC Anti-Mouse CD163 Antibody[S15049F] - Size: 100Testsx2 | 220,00 € | 176,00 € |
| E-AB-F0986E-100Testsx2 | APC Anti-Mouse CD19 Antibody[1D3] - Size: 100Testsx2 | 87,00 € | 69,60 € |
| E-AB-F1135E-100Testsx2 | APC Anti-Mouse CD206/MMR Antibody[C068C2] - Size: 100Testsx2 | 190,00 € | 152,00 € |
| E-AB-F1102E-100Testsx2 | APC Anti-Mouse CD25 Antibody[PC-61.5.3] - Size: 100Testsx2 | 160,00 € | 128,00 € |
| E-AB-F1013E-100Testsx2 | APC Anti-Mouse CD3 Antibody[17A2] - Size: 100Testsx2 | 69,00 € | 55,20 € |
| E-AB-F1097E-100Testsx2 | APC Anti-Mouse CD4 Antibody[GK1.5] - Size: 100Testsx2 | 69,00 € | 55,20 € |
| E-AB-F1136E-100Testsx2 | APC Anti-Mouse CD45 Antibody[30-F11] - Size: 100Testsx2 | 125,00 € | 100,00 € |
| E-AB-F1011E-100Testsx2 | APC Anti-Mouse CD62L Antibody[MEL-14] - Size: 100Testsx2 | 90,00 € | 72,00 € |
| E-AB-F0992E-100Testsx2 | APC Anti-Mouse CD80 Antibody[16-10A1] - Size: 100Testsx2 | 175,00 € | 140,00 € |
| E-AB-F0994E-100Testsx2 | APC Anti-Mouse CD86 Antibody[GL-1] - Size: 100Testsx2 | 175,00 € | 140,00 € |
| E-AB-F1104E-100Testsx2 | APC Anti-Mouse CD8a Antibody[53-6.7] - Size: 100Testsx2 | 69,00 € | 55,20 € |
| E-AB-F0995E-100Testsx2 | APC Anti-Mouse F4/80 Antibody[Cl:A3-1] - Size: 100Testsx2 | 87,00 € | 69,60 € |
| E-AB-F1238E-100Testsx2 | APC Anti-Mouse Foxp3 Antibody[3G3] - Size: 100Testsx2 | 396,00 € | 316,80 € |
| E-AB-F1101E-100Testsx2 | APC Anti-Mouse IFN- γ Antibody[XMG1.2] - Size: 100Testsx2 | 135,00 € | 108,00 € |
| E-AB-F1121E-100Testsx2 | APC Anti-Mouse Ly6C Antibody[Monts 1] - Size: 100Testsx2 | 69,00 € | 55,20 € |
| E-AB-F1108E-100Testsx2 | APC Anti-Mouse Ly6G Antibody[1A8] - Size: 100Testsx2 | 125,00 € | 100,00 € |
| E-AB-F0990E-100Testsx2 | APC Anti-Mouse MHC II (I-A/I-E) Antibody[M5/114] - Size: 100Testsx2 | 87,00 € | 69,60 € |
| E-AB-F1081E-100Testsx2 | APC Anti-Mouse/Human CD11b Antibody[M1/70] - Size: 100Testsx2 | 69,00 € | 55,20 € |
| E-CK-A107-500mL | Cell Staining Buffer - Size: 500mL | 75,00 € | 60,00 € |
| E-AB-F1310L-100Testsx2 | Elab Fluor® 488 Anti-Human CD105 Antibody[SN6] - Size: 100Testsx2 | 330,00 € | 264,00 € |



| SKU | Description | List Price | Net Price |
|-------------------------|--|------------|-----------|
| E-AB-F1159M-100Testsx2 | Elab Fluor® 647 Anti-Human CD197/CCR7 Antibody[G043H7] - Size: 100Testsx | 390,00 € | 312,00 € |
| E-AB-F1118M1-100Testsx2 | Elab Fluor® 700 Anti-Human CD11c Antibody[BU15] - Size: 100Testsx2 | 420,00 € | 336,00 € |
| E-AB-F1152M1-100TESTSX2 | Elab Fluor® 700 Anti-Human CD127/IL-7RA Antibody[A019D5] - Size: 100Test | 425,00 € | 340,00 € |
| E-AB-F1133M1-100TESTSX2 | Elab Fluor® 700 Anti-Human CD274/PD-L1 Antibody[29E.2A3] - Size: 100Test | 330,00 € | 264,00 € |
| E-AB-F1110M1-100Testsx2 | Elab Fluor® 700 Anti-Human CD8a Antibody[OKT-8] - Size: 100Testsx2 | 200,00 € | 160,00 € |
| E-AB-F1196M1-100Testsx2 | Elab Fluor® 700 Anti-Human IFN-? Antibody[B27] - Size: 100Testsx2 | 360,00 € | 288,00 € |
| E-AB-F1013M1-100Testsx2 | Elab Fluor® 700 Anti-Mouse CD3 Antibody[17A2] - Size: 100Testsx2 | 86,00 € | 68,80 € |
| E-AB-F1136M1-100Testsx2 | Elab Fluor® 700 Anti-Mouse CD45 Antibody[30-F11] - Size: 100Testsx2 | 155,00 € | 124,00 € |
| E-AB-F1104M1-100Testsx2 | Elab Fluor® 700 Anti-Mouse CD8a Antibody[53-6.7] - Size: 100Testsx2 | 86,00 € | 68,80 € |
| E-AB-F1209S-100Testsx2 | Elab Fluor® Red 780 Anti-Human CD14 Antibody[M5E2] - Size: 100Testsx2 | 330,00 € | 264,00 € |
| E-AB-F1001S-100Testsx2 | Elab Fluor® Red 780 Anti-Human CD3 Antibody[OKT-3] - Size: 100Testsx2 | 200,00 € | 160,00 € |
| E-AB-F1109S-100Testsx2 | Elab Fluor® Red 780 Anti-Human CD4 Antibody[RPA-T4] - Size: 100Testsx2 | 200,00 € | 160,00 € |
| E-AB-F1111S-100Testsx2 | Elab Fluor® Red 780 Anti-Human HLA-DR Antibody[L243] - Size: 100Testsx2 | 330,00 € | 264,00 € |
| E-AB-F1136S-100Testsx2 | Elab Fluor® Red 780 Anti-Mouse CD45 Antibody[30-F11] - Size: 100Testsx2 | 155,00 € | 124,00 € |
| E-AB-F1137Q-100Testsx2 | Elab Fluor® Violet 450 Anti-Human CD45 Antibody[HI30] - Size: 100Testsx2 | 200,00 € | 160,00 € |
| E-AB-F1013Q-100Testsx2 | Elab Fluor® Violet 450 Anti-Mouse CD3 Antibody[17A2] - Size: 100Testsx2 | 86,00 € | 68,80 € |
| E-AB-F1097Q-100Testsx2 | Elab Fluor® Violet 450 Anti-Mouse CD4 Antibody[GK1.5] - Size: 100Testsx2 | 86,00 € | 68,80 € |
| E-AB-F1136Q-100Testsx2 | Elab Fluor® Violet 450 Anti-Mouse CD45 Antibody[30-F11] - Size: 100Tests | 155,00 € | 124,00 € |
| E-AB-F0995Q-100Testsx2 | Elab Fluor® Violet 450 Anti-Mouse F4/80 Antibody[Ci:A3-1] - Size: 100Tes | 108,00 € | 86,40 € |
| E-AB-F1081Q-100Testsx2 | Elab Fluor® Violet 450 Anti-Mouse/Human CD11b Antibody[M1/70] - Size: 10 | 86,00 € | 68,80 € |
| E-AB-F1110T-100Testsx2 | Elab Fluor® Violet 610 Anti-Human CD8a Antibody[OKT-8] - Size: 100Testsx | 200,00 € | 160,00 € |



| SKU | Description | List Price | Net Price |
|------------------------|---|------------|-----------|
| E-AB-F1209C-100Testsx2 | FITC Anti-Human CD14 Antibody[M5E2] - Size: 100Testsx2 | 150,00 € | 120,00 € |
| E-AB-F1155C-100Testsx2 | FITC Anti-Human CD161 Antibody[HP-3G10] - Size: 100Testsx2 | 330,00 € | 264,00 € |
| E-AB-F1161C-100Testsx2 | FITC Anti-Human CD206/MMR Antibody[15-2] - Size: 100Testsx2 | 285,00 € | 228,00 € |
| E-AB-F1001C-100Testsx2 | FITC Anti-Human CD3 Antibody[OKT-3] - Size: 100Testsx2 | 82,00 € | 65,60 € |
| E-AB-F1143C-100Testsx2 | FITC Anti-Human CD34 Antibody[581] - Size: 100Testsx2 | 285,00 € | 228,00 € |
| E-AB-F1109C-100Testsx2 | FITC Anti-Human CD4 Antibody[RPA-T4] - Size: 100Testsx2 | 72,00 € | 57,60 € |
| E-AB-F1352C-100Testsx2 | FITC Anti-Human CD4 Antibody[SK3] - Size: 100Testsx2 | 85,00 € | 68,00 € |
| E-AB-F1037C-100Testsx2 | FITC Anti-Human CD40 Antibody[3A8] - Size: 100Testsx2 | 264,00 € | 211,20 € |
| E-AB-F1038C-100Testsx2 | FITC Anti-Human CD44 Antibody[P2A1] - Size: 100Testsx2 | 220,00 € | 176,00 € |
| E-AB-F1137C-100Testsx2 | FITC Anti-Human CD45 Antibody[HI30] - Size: 100Testsx2 | 98,00 € | 78,40 € |
| E-AB-F1051C-100Testsx2 | FITC Anti-Human CD62L Antibody[DREG56] - Size: 100Testsx2 | 166,00 € | 132,80 € |
| E-AB-F1242C-100Tests | FITC Anti-Human CD73 Antibody[AD2] - Size: 100Tests | 190,00 € | 152,00 € |
| E-AB-F1365C-100TESTSX2 | FITC Anti-Human CD80 Antibody[2F4] - Size: 100Testsx2 | 276,00 € | 220,80 € |
| E-AB-F1110C-100Testsx2 | FITC Anti-Human CD8a Antibody[OKT-8] - Size: 100Testsx2 | 90,00 € | 72,00 € |
| E-AB-F1111C-100Testsx2 | FITC Anti-Human HLA-DR Antibody[L243] - Size: 100Testsx2 | 192,00 € | 153,60 € |
| E-AB-F1100C-100Testsx2 | FITC Anti-Human/Mouse CD44 Antibody[IM7] - Size: 100Testsx2 | 150,00 € | 120,00 € |
| E-AB-F0991C-100Testsx2 | FITC Anti-Mouse CD11c Antibody[N418] - Size: 100Testsx2 | 78,00 € | 62,40 € |
| E-AB-F1135C-100Testsx2 | FITC Anti-Mouse CD206/MMR Antibody[C068C2] - Size: 100Testsx2 | 190,00 € | 152,00 € |
| E-AB-F1013C-100Testsx2 | FITC Anti-Mouse CD3 Antibody[17A2] - Size: 100Testsx2 | 57,00 € | 45,60 € |
| E-AB-F1097C-100Testsx2 | FITC Anti-Mouse CD4 Antibody[GK1.5] - Size: 100Testsx2 | 57,00 € | 45,60 € |
| E-AB-F1353C-100Testsx2 | FITC Anti-Mouse CD4 Antibody[RM4-5] - Size: 100Testsx2 | 70,00 € | 56,00 € |



| SKU | Description | List Price | Net Price |
|------------------------|--|------------|-----------|
| E-AB-F1136C-100Testsx2 | FITC Anti-Mouse CD45 Antibody[30-F11] - Size: 100Testsx2 | 100,00 € | 80,00 € |
| E-AB-F0992C-100Testsx2 | FITC Anti-Mouse CD80 Antibody[16-10A1] - Size: 100Testsx2 | 145,00 € | 116,00 € |
| E-AB-F0994C-100Testsx2 | FITC Anti-Mouse CD86 Antibody[GL-1] - Size: 100Testsx2 | 145,00 € | 116,00 € |
| E-AB-F1104C-100Testsx2 | FITC Anti-Mouse CD8a Antibody[53-6.7] - Size: 100Testsx2 | 72,00 € | 57,60 € |
| E-AB-F0995C-100Testsx2 | FITC Anti-Mouse F4/80 Antibody[Cl:A3-1] - Size: 100Testsx2 | 72,00 € | 57,60 € |
| E-AB-F1101C-100Testsx2 | FITC Anti-Mouse IFN- γ Antibody[XMG1.2] - Size: 100Testsx2 | 115,00 € | 92,00 € |
| E-AB-F1108C-100Testsx2 | FITC Anti-Mouse Ly6G Antibody[1A8] - Size: 100Testsx2 | 100,00 € | 80,00 € |
| E-AB-F0990C-100Testsx2 | FITC Anti-Mouse MHC II (I-A/I-E) Antibody[M5/114] - Size: 100Testsx2 | 72,00 € | 57,60 € |
| E-AB-F1081C-100Testsx2 | FITC Anti-Mouse/Human CD11b Antibody[M1/70] - Size: 100Testsx2 | 57,00 € | 45,60 € |
| E-AB-F1310D-100Tests | PE Anti-Human CD105 Antibody[SN6] - Size: 100Tests | 240,00 € | 192,00 € |
| E-AB-F1118D-100Testsx2 | PE Anti-Human CD11c Antibody[BU15] - Size: 100Testsx2 | 312,00 € | 249,60 € |
| E-AB-F1268D-100Testsx2 | PE Anti-Human CD133 Antibody[W6B3C1] - Size: 100Testsx2 | 408,00 € | 326,40 € |
| E-AB-F1236D-100Testsx2 | PE Anti-Human CD16 Antibody[3G8] - Size: 100Testsx2 | 285,00 € | 228,00 € |
| E-AB-F1080D-100Testsx2 | PE Anti-Human CD235 Antibody[HIR2] - Size: 100Testsx2 | 285,00 € | 228,00 € |
| E-AB-F1194D-100Testsx2 | PE Anti-Human CD25 Antibody[BC96] - Size: 100Testsx2 | 130,00 € | 104,00 € |
| E-AB-F1001D-100Testsx2 | PE Anti-Human CD3 Antibody[OKT-3] - Size: 100Testsx2 | 100,00 € | 80,00 € |
| E-AB-F1143D-100Testsx2 | PE Anti-Human CD34 Antibody[581] - Size: 100Testsx2 | 330,00 € | 264,00 € |
| E-AB-F1109D-100Testsx2 | PE Anti-Human CD4 Antibody[RPA-T4] - Size: 100Testsx2 | 90,00 € | 72,00 € |
| E-AB-F1352D-100Testsx2 | PE Anti-Human CD4 Antibody[SK3] - Size: 100Testsx2 | 120,00 € | 96,00 € |
| E-AB-F1037D-100Testsx2 | PE Anti-Human CD40 Antibody[3A8] - Size: 100Testsx2 | 264,00 € | 211,20 € |
| E-AB-F1137D-100Testsx2 | PE Anti-Human CD45 Antibody[HI30] - Size: 100Testsx2 | 98,00 € | 78,40 € |



| SKU | Description | List Price | Net Price |
|------------------------|--|------------|-----------|
| E-AB-F1239D-100Testsx2 | PE Anti-Human CD56/NCAM Antibody[5.1H11] - Size: 100Testsx2 | 342,00 € | 273,60 € |
| E-AB-F1267D-100Testsx2 | PE Anti-Human CD66b Antibody[G10F5] - Size: 100Testsx2 | 408,00 € | 326,40 € |
| E-AB-F1232D-100Testsx2 | PE Anti-Human CD80 Antibody[2D10] - Size: 100Testsx2 | 260,00 € | 208,00 € |
| E-AB-F1012D-100Testsx2 | PE Anti-Human CD86 Antibody[BU63] - Size: 100Testsx2 | 341,00 € | 272,80 € |
| E-AB-F1110D-100Testsx2 | PE Anti-Human CD8a Antibody[OKT-8] - Size: 100Testsx2 | 105,00 € | 84,00 € |
| E-AB-F1167D-100Tests | PE Anti-Human CD90 Antibody[5E10] - Size: 100Tests | 264,00 € | 211,20 € |
| E-AB-F1196D-100Testsx2 | PE Anti-Human IFN-? Antibody[B27] - Size: 100Testsx2 | 342,00 € | 273,60 € |
| E-AB-F1100D-100Testsx2 | PE Anti-Human/Mouse CD44 Antibody[IM7] - Size: 100Testsx2 | 180,00 € | 144,00 € |
| E-AB-F0991D-100Testsx2 | PE Anti-Mouse CD11c Antibody[N418] - Size: 100Testsx2 | 78,00 € | 62,40 € |
| E-AB-F0987D-100Testsx2 | PE Anti-Mouse CD161/NK1.1 Antibody[PK136] - Size: 100Testsx2 | 72,00 € | 57,60 € |
| E-AB-F0986D-100Testsx2 | PE Anti-Mouse CD19 Antibody[1D3] - Size: 100Testsx2 | 72,00 € | 57,60 € |
| E-AB-F1135D-100Testsx2 | PE Anti-Mouse CD206/MMR Antibody[C068C2] - Size: 100Testsx2 | 190,00 € | 152,00 € |
| E-AB-F1102D-100Testsx2 | PE Anti-Mouse CD25 Antibody[PC-61.5.3] - Size: 100Testsx2 | 160,00 € | 128,00 € |
| E-AB-F1131D-100Testsx2 | PE Anti-Mouse CD279/PD-1 Antibody[29F.1A12] - Size: 100Testsx2 | 115,00 € | 92,00 € |
| E-AB-F1013D-100Testsx2 | PE Anti-Mouse CD3 Antibody[17A2] - Size: 100Testsx2 | 57,00 € | 45,60 € |
| E-AB-F1097D-100Testsx2 | PE Anti-Mouse CD4 Antibody[GK1.5] - Size: 100Testsx2 | 57,00 € | 45,60 € |
| E-AB-F1136D-100Testsx2 | PE Anti-Mouse CD45 Antibody[30-F11] - Size: 100Testsx2 | 100,00 € | 80,00 € |
| E-AB-F0992D-100Testsx2 | PE Anti-Mouse CD80 Antibody[16-10A1] - Size: 100Testsx2 | 145,00 € | 116,00 € |
| E-AB-F0994D-100Testsx2 | PE Anti-Mouse CD86 Antibody[GL-1] - Size: 100Testsx2 | 145,00 € | 116,00 € |
| E-AB-F1104D-100Testsx2 | PE Anti-Mouse CD8a Antibody[53-6.7] - Size: 100Testsx2 | 57,00 € | 45,60 € |
| E-AB-F0995D-100Testsx2 | PE Anti-Mouse F4/80 Antibody[Cl:A3-1] - Size: 100Testsx2 | 72,00 € | 57,60 € |



| SKU | Description | List Price | Net Price |
|-------------------------|---|------------|-----------|
| E-AB-F1238D-100Testsx2 | PE Anti-Mouse Foxp3 Antibody[3G3] - Size: 100Testsx2 | 342,00 € | 273,60 € |
| E-AB-F1101D-100Testsx2 | PE Anti-Mouse IFN- γ Antibody[XMG1.2] - Size: 100Testsx2 | 115,00 € | 92,00 € |
| E-AB-F1120D-100Testsx2 | PE Anti-Mouse Ly-6G/Ly-6C (Gr-1) Antibody[RB6-8C5] - Size: 100Testsx2 | 57,00 € | 45,60 € |
| E-AB-F1108D-100Testsx2 | PE Anti-Mouse Ly6G Antibody[1A8] - Size: 100Testsx2 | 100,00 € | 80,00 € |
| E-AB-F0990D-100Testsx2 | PE Anti-Mouse MHC II (I-A/I-E) Antibody[M5/114] - Size: 100Testsx2 | 72,00 € | 57,60 € |
| E-AB-F1081D-100Testsx2 | PE Anti-Mouse/Human CD11b Antibody[M1/70] - Size: 100Testsx2 | 57,00 € | 45,60 € |
| E-AB-F09832D-100Testsx2 | PE Rat IgG2a, k Isotype Control[2A3] - Size: 100Testsx2 | 112,00 € | 89,60 € |
| E-AB-F1152H-100Testsx2 | PE/Cyanine7 Anti-Human CD127/IL-7RA Antibody[A019D5] - Size: 100Testsx2 | 468,00 € | 374,40 € |
| E-AB-F1158H-100Testsx2 | PE/Cyanine7 Anti-Human CD196/CCR6 Antibody[G034E3] - Size: 100Testsx2 | 425,00 € | 340,00 € |
| E-AB-F1194H-100Testsx2 | PE/Cyanine7 Anti-Human CD25 Antibody[BC96] - Size: 100Testsx2 | 396,00 € | 316,80 € |
| E-AB-F1137H-100Testsx2 | PE/Cyanine7 Anti-Human CD45 Antibody[HI30] - Size: 100Testsx2 | 276,00 € | 220,80 € |
| E-AB-F1110H-100Testsx2 | PE/Cyanine7 Anti-Human CD8a Antibody[OKT-8] - Size: 100Testsx2 | 240,00 € | 192,00 € |
| E-AB-F0986H-100Testsx2 | PE/Cyanine7 Anti-Mouse CD19 Antibody[1D3] - Size: 100Testsx2 | 108,00 € | 86,40 € |
| E-AB-F1135H-100Testsx2 | PE/Cyanine7 Anti-Mouse CD206/MMR Antibody[C068C2] - Size: 100Testsx2 | 295,00 € | 236,00 € |
| E-AB-F1136H-100Testsx2 | PE/Cyanine7 Anti-Mouse CD45 Antibody[30-F11] - Size: 100Testsx2 | 155,00 € | 124,00 € |
| E-AB-F0994H-100Testsx2 | PE/Cyanine7 Anti-Mouse CD86 Antibody[GL-1] - Size: 100Testsx2 | 240,00 € | 192,00 € |
| E-AB-F1104H-100Testsx2 | PE/Cyanine7 Anti-Mouse CD8a Antibody[53-6.7] - Size: 100Testsx2 | 86,00 € | 68,80 € |
| E-AB-F0995H-100Testsx2 | PE/Cyanine7 Anti-Mouse F4/80 Antibody[Cl:A3-1] - Size: 100Testsx2 | 108,00 € | 86,40 € |
| E-AB-F1081H-100Testsx2 | PE/Cyanine7 Anti-Mouse/Human CD11b Antibody[M1/70] - Size: 100Testsx2 | 86,00 € | 68,80 € |



| SKU | Description | List Price | Net Price |
|------------------------|--|------------|-----------|
| E-AB-F1236P-100Testsx2 | PE/Elab Fluor® 594 Anti-Human CD16 Antibody[3G8] - Size: 100Testsx2 | 425,00 € | 340,00 € |
| E-AB-F1045P-100Testsx2 | PE/Elab Fluor® 594 Anti-Human CD20 Antibody[BCA/B20] - Size: 100Testsx2 | 330,00 € | 264,00 € |
| E-AB-F1109F-100Testsx2 | PerCP Anti-Human CD4 Antibody[RPA-T4] - Size: 100Testsx2 | 276,00 € | 220,80 € |
| E-AB-F1137F-100Testsx2 | PerCP Anti-Human CD45 Antibody[HI30] - Size: 100Testsx2 | 276,00 € | 220,80 € |
| E-AB-F1152J-100Testsx2 | PerCP/Cyanine5.5 Anti-Human CD127/IL-7RA Antibody[A019D5] - Size: 100Tes | 510,00 € | 408,00 € |
| E-AB-F1126J-100Testsx2 | PerCP/Cyanine5.5 Anti-Human CD1a Antibody[OKT-6] - Size: 100Testsx2 | 432,00 € | 345,60 € |
| E-AB-F1229J-100Testsx2 | PerCP/Cyanine5.5 Anti-Human CD279/PD-1 Antibody[EH12.2H7] - Size: 100Tes | 468,00 € | 374,40 € |
| E-AB-F1001J-100Testsx2 | PerCP/Cyanine5.5 Anti-Human CD3 Antibody[OKT-3] - Size: 100Testsx2 | 240,00 € | 192,00 € |
| E-AB-F1305J-100Testsx2 | PerCP/Cyanine5.5 Anti-Human CD56/NCAM Antibody[B-A19] - Size: 100Testsx2 | 510,00 € | 408,00 € |
| E-AB-F1013J-100Testsx2 | PerCP/Cyanine5.5 Anti-Mouse CD3 Antibody[17A2] - Size: 100Testsx2 | 86,00 € | 68,80 € |
| E-AB-F1097J-100Testsx2 | PerCP/Cyanine5.5 Anti-Mouse CD4 Antibody[GK1.5] - Size: 100Testsx2 | 86,00 € | 68,80 € |
| E-AB-F1136J-100Testsx2 | PerCP/Cyanine5.5 Anti-Mouse CD45 Antibody[30-F11] - Size: 100Testsx2 | 155,00 € | 124,00 € |
| E-AB-F1104J-100Testsx2 | PerCP/Cyanine5.5 Anti-Mouse CD8a Antibody[53-6.7] - Size: 100Testsx2 | 86,00 € | 68,80 € |
| E-AB-F0995J-100Testsx2 | PerCP/Cyanine5.5 Anti-Mouse F4/80 Antibody[Cl:A3-1] - Size: 100Testsx2 | 108,00 € | 86,40 € |
| E-AB-F0990J-100Testsx2 | PerCP/Cyanine5.5 Anti-Mouse MHC II (I-A/I-E) Antibody[M5/114] - Size: 10 | 108,00 € | 86,40 € |
| E-AB-F1081J-100Testsx2 | PerCP/Cyanine5.5 Anti-Mouse/Human CD11b Antibody[M1/70] - Size: 100Tests | 86,00 € | 68,80 € |
| E-AB-F1236A-1mg | Purified Anti-Human CD16 Antibody[3G8] - Size: 1mg | 148,00 € | 118,40 € |
| E-AB-F0997A-1mg | Purified Anti-Mouse CD16/32 Antibody[2.4G2] - Size: 1mg | 148,00 € | 118,40 € |



Antibody Test

29 10 2025

Human test subject

Buffy-coated blood (Healthy donor, n = 1) was obtained from the ASST Grande Ospedale Metropolitano Niguarda, Milan, Italy.

PBMC isolation

Peripheral blood mononuclear cells (PBMCs) were isolated by density-gradient centrifugation using Ficoll-Paque (Sigma-Aldrich) following the standard protocol.

Plating and culture condition

After isolation, PBMCs were plated in a 96-well plate at 5×10^5 cells per well and cultured at 37 °C, 5% CO₂ in either: RPMI-1640 + 10% FBS (baseline control), or RPMI-1640 + 10% FBS supplemented with 20% cell-free supernatant (CFS) from *Intestinibacter bartlettii*.

Rationale for conditioning

Some readouts of interest are stimulus dependent, IFN- γ (intracellular cytokine) and activation/exhaustion-related markers (CD69, PD-L1) change primarily after an external stimulus. To ensure that antibody performance was assessed across both negative and positive expression states, cells were conditioned with either RPMI or *I. bartlettii* CFS to model biological complexity and then subjected to functional stimulation. This approach maximizes the chance of detecting differences in marker expression, allows for direct assessment of antibody sensitivity.

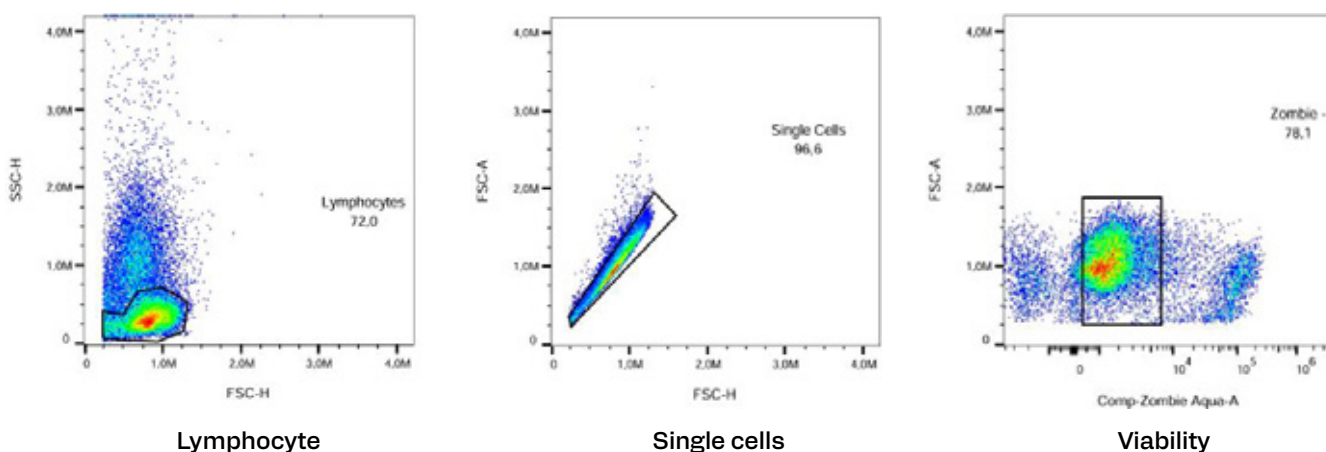


| Target / Marker | Fluorochrome | Stain type | Working amount |
|-----------------|-----------------|---------------|----------------------------------|
| CD3 | eFluor 450 | Surface | 0.5 µL / 5×10 ⁵ cells |
| CD4 | PE-Cy7 | Surface | 0.5 µL / 5×10 ⁵ cells |
| CD8 | Alexa Fluor 700 | Surface | 0.5 µL / 5×10 ⁵ cells |
| TCR γδ | FITC | Surface | 0.5 µL / 5×10 ⁵ cells |
| iNKT (6B11) | PE | Surface | 0.5 µL / 5×10 ⁵ cells |
| IFN-γ | FITC | Intracellular | 0.5 µL / 5×10 ⁵ cells |
| PD-L1 | PE | Surface | 0.5 µL / 5×10 ⁵ cells |
| CD69 | PE-Cy7 | Surface | 0.5 µL / 5×10 ⁵ cell |
| CD11c | CD11c | Surface | 0.5 µL / 5×10 ⁵ cell |



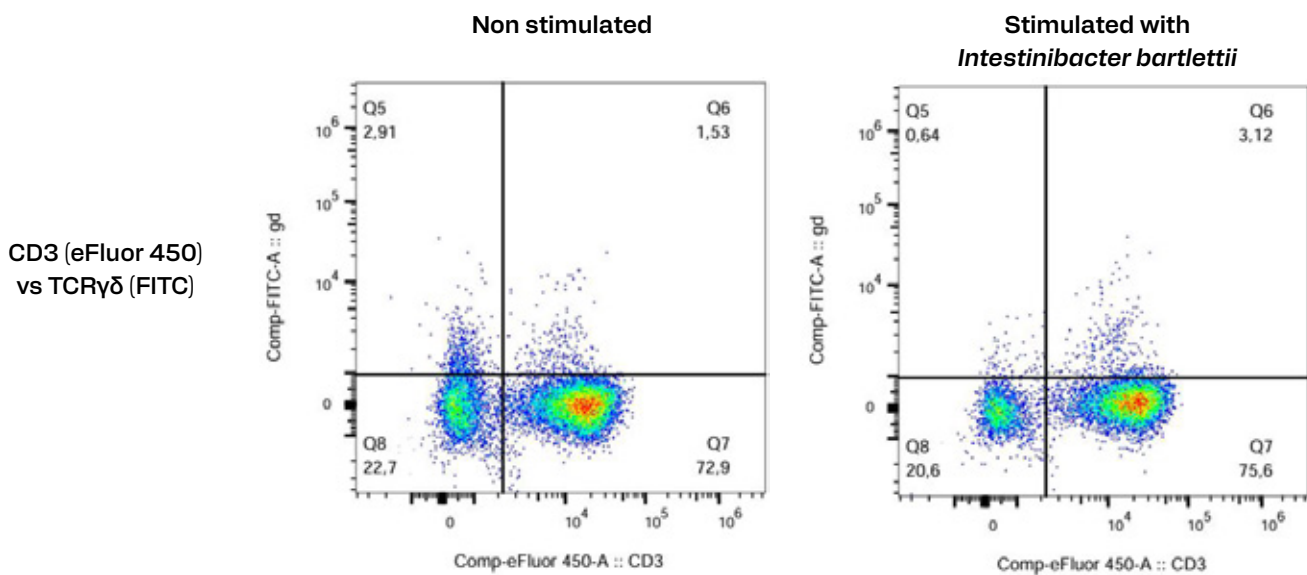
Flow cytometry

Cells were stained with labeled antibodies diluted in PBS for 20 min at 4°C. For intracellular cytokine labelling cells were incubated for 3 h at 37°C in RPMI-1640 + 10% FBS with PMA (50 ng/ml, Merck), Ionomycin (1 µg/ml, Merck) and Brefeldin A (10 µg/ml, Merck). Before intracellular staining, cells were fixed and permeabilized using Cytofix/Cytoperm (BD). Samples were analyzed with a three-laser Cytex Aurora full-spectrum flow cytometer (Cytex Biosciences) and the FlowJo software (Version 10.8, TreeStar, Ashland, OR USA). To minimize spectral spread/background and avoid overly high MFIs, antibodies were used at 0.5 µL per 5×10^5 cells in 50 µL (1:100). (Higher volumes can push channels toward saturation on full-spectrum systems, using lower volumes preserved clear positive/negative separation while reducing spillover.) Gating was applied sequentially: lymphocytes were identified by FSC/SSC parameters, singlets were selected using FSC-A vs FSC-H, and viable cells were retained by gating on Zombie Aqua⁻ events. All downstream marker analysis was performed on this gated live lymphocyte population:

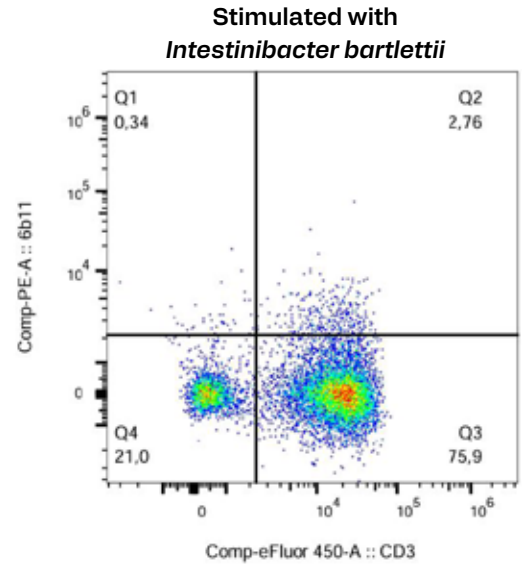
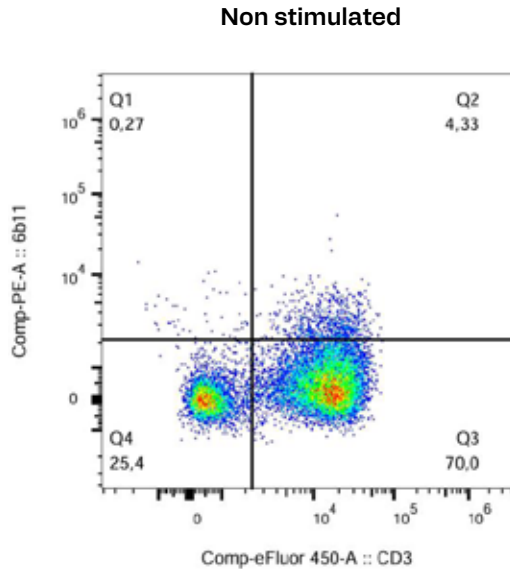


To reduce figure load while preserving interpretability, plots were limited to the essential bivariate views plus fluorescence-minus-one controls (FMOs, the experimental cells stained with all the fluorophores minus one fluorophore):

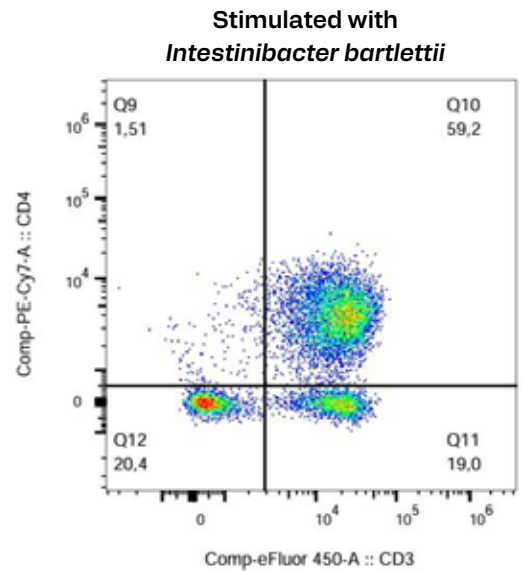
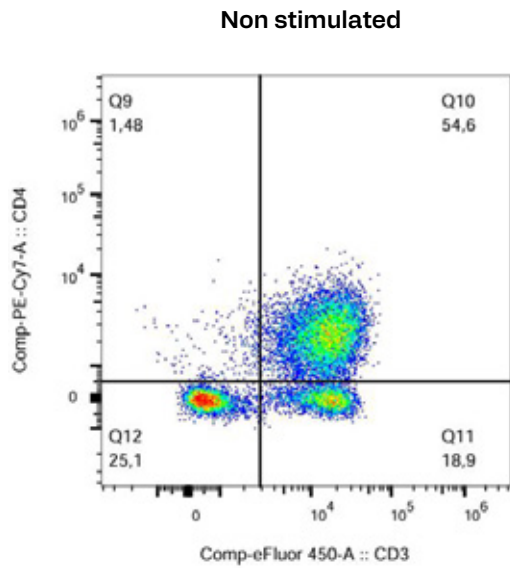
- **CD3, CD4, CD8, TCR $\gamma\delta$,6B11:** CD3 vs target plots, with single-stains and FMOs used to set thresholds. For display, CD3 is shown in the non-stimulated condition; CD8 is shown in the stimulated condition (stimulus-independent marker, representative plot).
- **IFN- γ , PD-L1:** IFN- γ vs PD-L1 bivariate plots in stimulated samples, with FMOs for each.
- **CD11c vs CD69:** direct bivariate view (CD11c vs CD69) plus FMOs for both reagents.



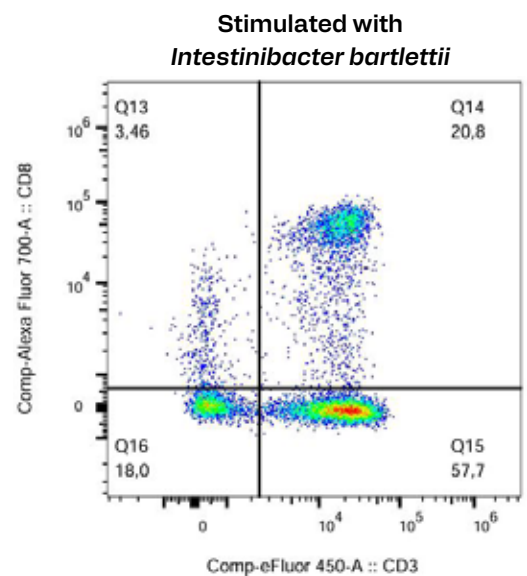
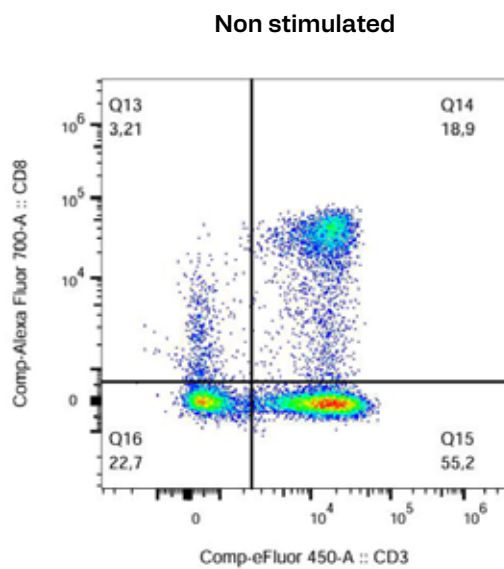
CD3 (eFluor450)
vs 6B11 (PE)



CD3 (eFluor 450)
vs CD4 (PE-Cy7)

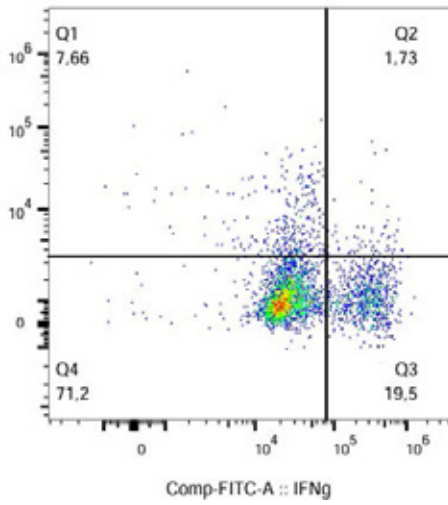


CD3 (eFluor 450)
vs CD8 (Alexa Fluor
700)

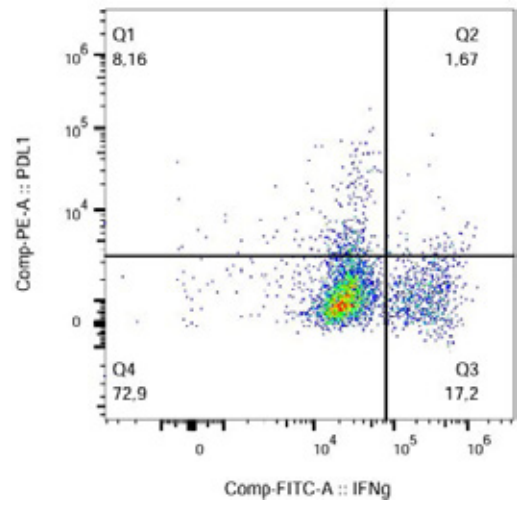


IFN γ (FITC)
vs PD-L1 (PE)

Non stimulated

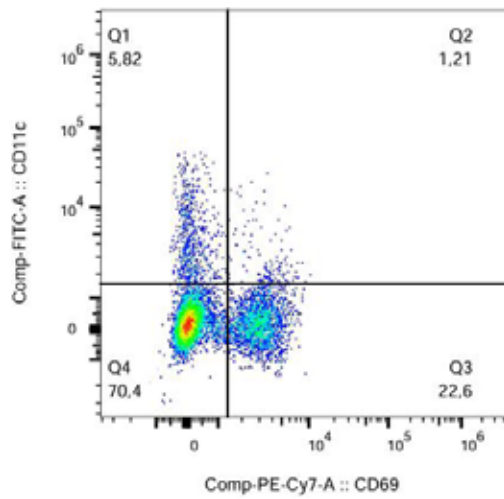


Stimulated with
Intestinibacter bartlettii

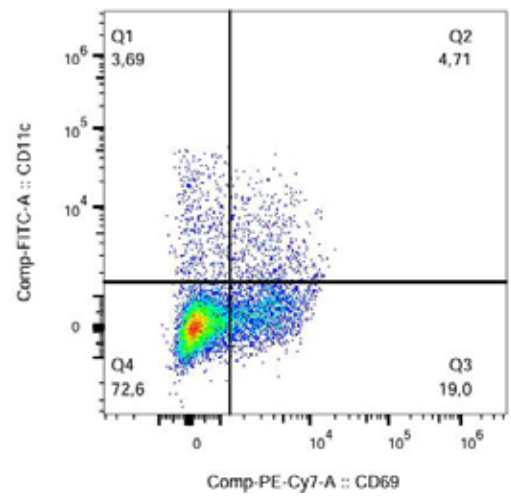


CD11c (FITC)
vs CD69 (PE-Cy7)

Non stimulated

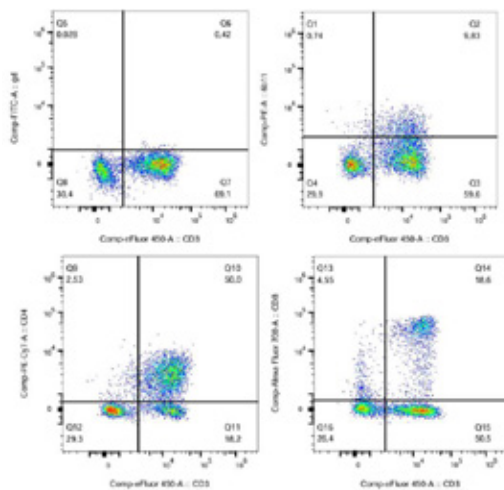


Stimulated with
Intestinibacter bartlettii

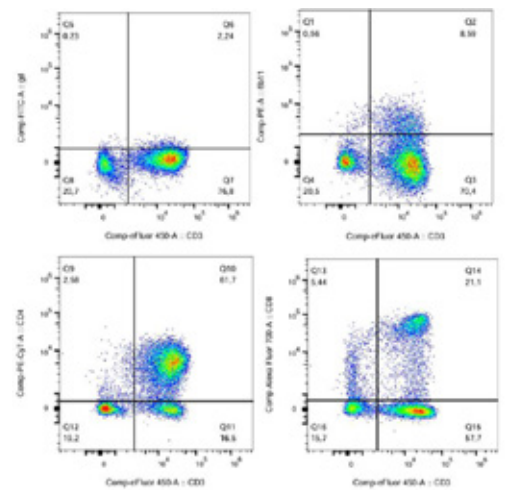


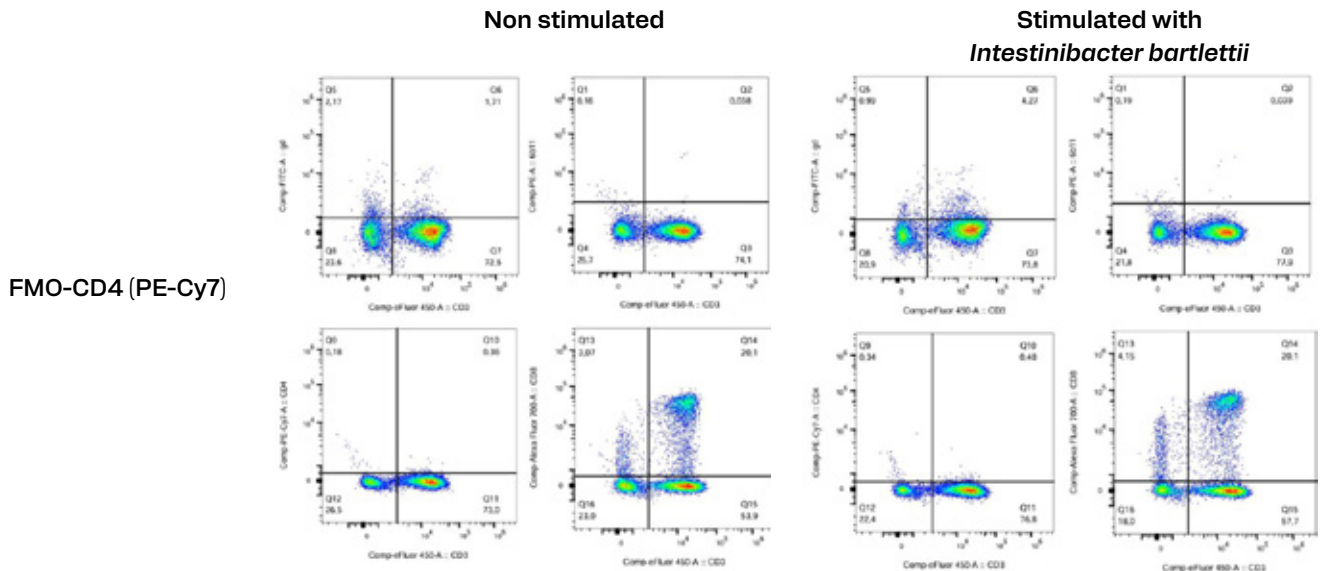
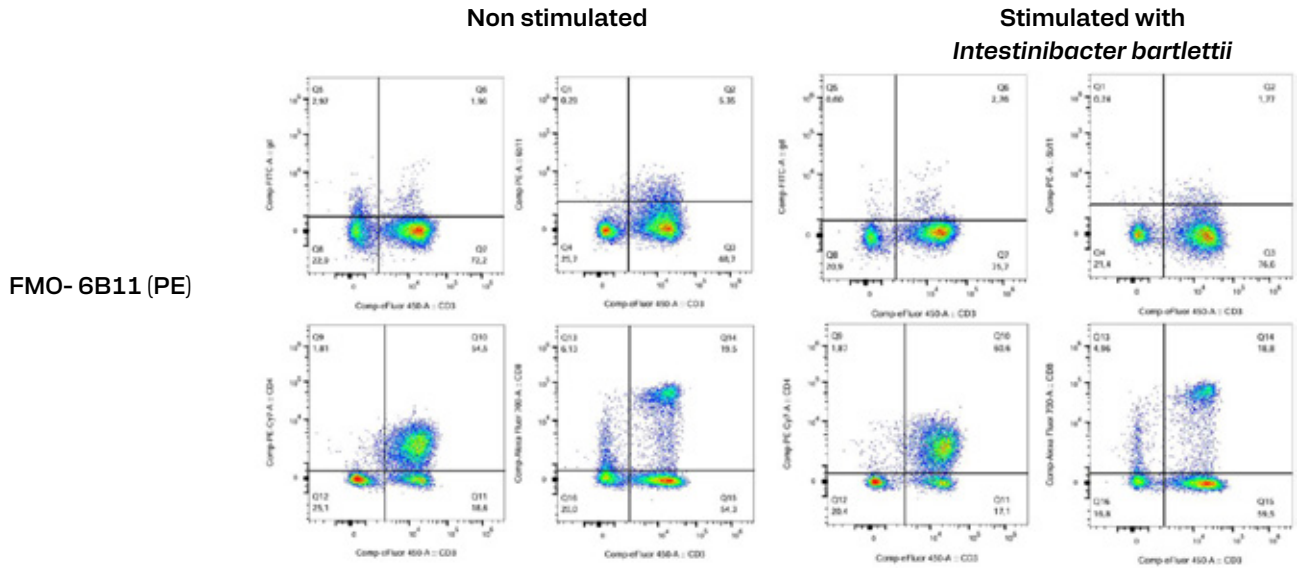
FMO- TCR $\gamma\delta$ (FITC)

Non stimulated

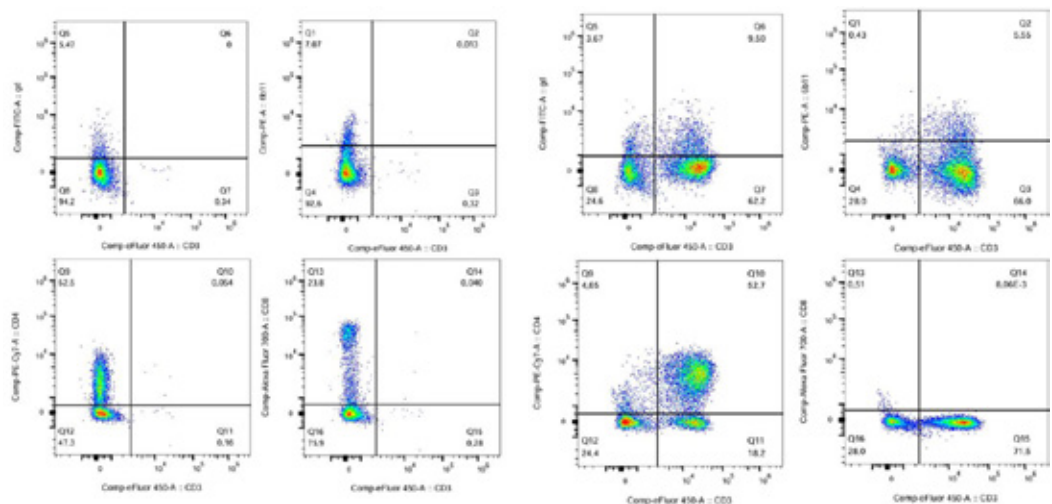


Stimulated with
Intestinibacter bartlettii





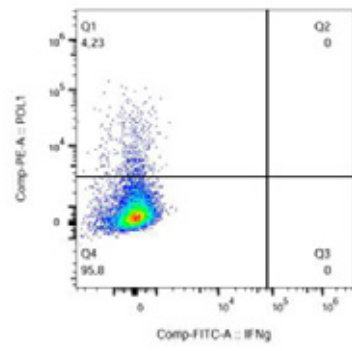
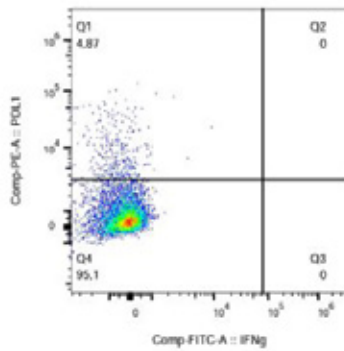
FMO- CD3 (eFluor 450) **FMO-CD8 (Alexa Fluor 700)**



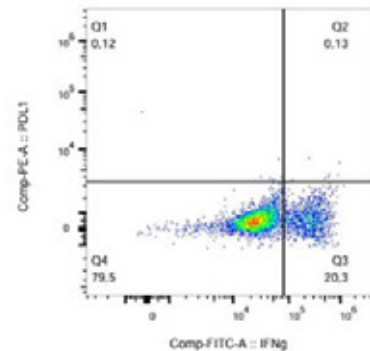
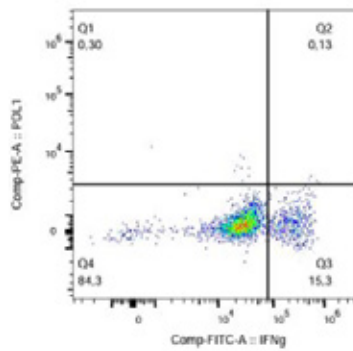
Non stimulated

**Stimulated with
*Intestinibacter bartlettii***

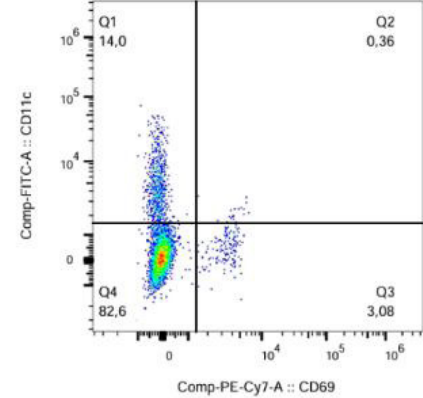
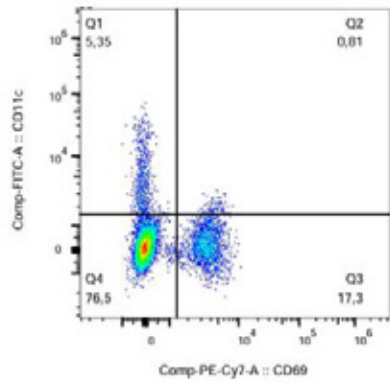
FMO- PD-L1 (PE)



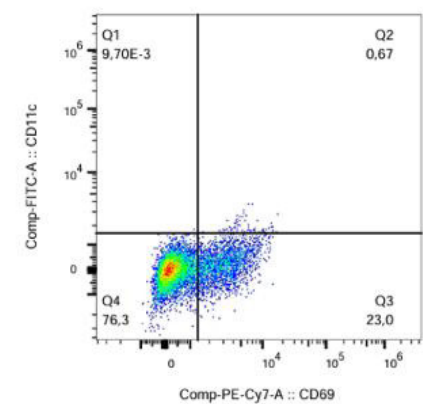
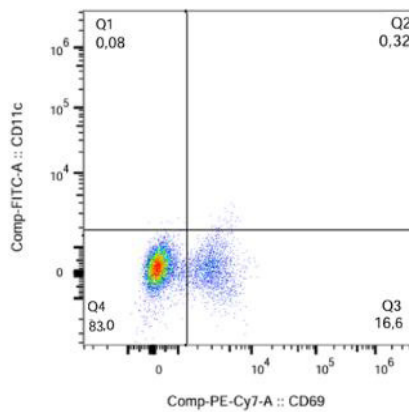
FMO- IFN γ (FITC)



FMO- CD69 (PE-Cy7)



FMO- CD11c (FITC)



Antibody performance

TCR $\gamma\delta$ (FITC): In CD3 vs TCR $\gamma\delta$, a discrete CD3⁺TCR $\gamma\delta$ ⁺ population is resolved with clear separation from negatives. FMO-TCR $\gamma\delta$ shows no residual cloud in the positive gate, confirming the threshold.

CD3 (eFluor 450): In CD3 vs CD4 and CD3 vs CD8 bivariate plots, the CD3⁺ compartment is robust with tight CD3⁺ negatives. FMO-CD3 is clean with no events above the positivity threshold.

CD4 (PE-Cy7): In CD3 vs CD4, CD3⁺CD4⁺ cells segregate clearly from CD3⁺CD4⁻. FMO-CD4 shows minimal background and supports a conservative cut-off.

CD8 (Alexa Fluor 700): In CD3 vs CD8 a distinct CD3⁺CD8⁺ subset is cleanly separated from negatives. FMO-CD8 is negative with no clouding in the CD8⁺ region.

PD-L1 (PE): In IFN- γ vs PD-L1 after stimulation, PD-L1 shows a clear up-shift from baseline with a well-defined PD-L1⁺ cluster. FMO-PD-L1 displays minimal background, validating the positivity gate.

IFN- γ (FITC, intracellular): In IFN- γ vs PD-L1, reveals a discrete IFN- γ ⁺ population clearly separated from the baseline. FMO-IFN- γ is clean, confirming the threshold.

CD69 (PE-Cy7) In CD11c vs CD69, stimulation yields CD69⁺ shift with a less-defined positive cluster, overall population are resolved with clear separation from negatives. **FMO-CD69** is clean and supports a conservative threshold. Note that the apparent CD69⁺ events seen in **FMO-CD11c** arise from FITC spread/unmixing and are not due to the CD69 reagent itself.



Antibody-specific issues

iNKT (6B11, PE): In CD3 vs 6B11 a PE⁺ cloud appears in the expected iNKT region. However, FMO-6B11 shows a similar cloud in Q2, indicating non-specific/background PE signal.

CD11c (FITC): In CD11c vs CD69 the bivariate appears acceptable, but FMO-CD11c shows a cloud within the CD69⁺ gate (Q3) even without CD69 staining. This pattern is not present in the CD69 single-stain, consistent with related spread or imperfect unmixing projecting into the CD69 channel.

Summary Table

| Target / Marker | Fluorochrome | Key observation | Status |
|--------------------|-----------------|---|--------|
| CD3 | eFluor 450 | Robust CD3 ⁺ compartment; negatives compact; FMO clean. | PASS |
| CD4 | PE-Cy7 | CD3 ⁺ CD4 ⁺ subset clearly separated; low FMO background. | PASS |
| CD8 | Alexa Fluor 700 | Distinct CD3 ⁺ CD8 ⁺ subset; FMO clean. | PASS |
| TCR $\gamma\delta$ | FITC | Clear CD3 ⁺ TCR $\gamma\delta$ ⁺ cluster; no residual cloud in FMO. | PASS |
| IFN- γ | FITC | Discrete positive population; FMO clean (post fix/perm). | PASS |
| PD-L1 | PSSE | Clear positive shift; minimal FMO background; gate validated. | PASS |
| CD69 | PE-Cy7 | Positive shift with separation from negatives; FMO clean. | PASS |
| iNKT (6B11) | PE | PE ⁺ cluster present; a similar distribution appears in FMO-6B11 (Q2). | ISSUES |
| CD11c | FITC | FMO-CD11c shows events in the CD69 ⁺ gate; absent in CD69 single-stain. | ISSUES |

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