

Anti-Human
CD3-FITC/CD4-PE/CD45-PerCP-Cyanine5.5
Cocktail (E-AB-FC0003)



PROMOTION

Anti-Human CD3-FITC/CD4-PE/CD45-PerCP-Cyanine5.5 Cocktail (E-AB-FC0003)

Promotion valid until 31 / 12/ 2025



PROMOTION

SKU	Size	List Price	Promo Price
E-AB-FC0003	100Tests	215€	172 €
E-AB-FC0003	20Tests	85 €	68 €
E-AB-FC0003	100Tests×2	365 €	292 €

Product details

Background

This product is a FCM antibody cocktail made up of FITC Anti-Human CD3 Antibody [Clone: OKT-3] (Mouse IgG2a, κ), PE Anti-Human CD4 Antibody [Clone: RPA-T4] (Mouse IgG1, κ) and PerCP/Cyanine5.5 Anti-Human CD45 Antibody [Clone: HI30] (Mouse IgG1, κ);

CD3 is a heterotetrameric protein consisting of a CD3 γ , a CD3 δ and 2 CD3 ϵ . It forms complex with TCR. OKT-3 recognize human CD3 ϵ . Human CD3 is expressed on the surface of T cells and NKT cells.;

CD4 is also called Leu-3 or T4. It's a single-chain type I transmembrane glycoprotein, mainly expressed on the surface of T cells, and monocytes/macrophages.

In T cells, CD4 forms complex with TCR/CD3 and play important roles in T cell immunity. The target of HIV is CD4+ T cells. Reduction of CD4+ T cells is the main reason of defected immunity after HIV infection.;

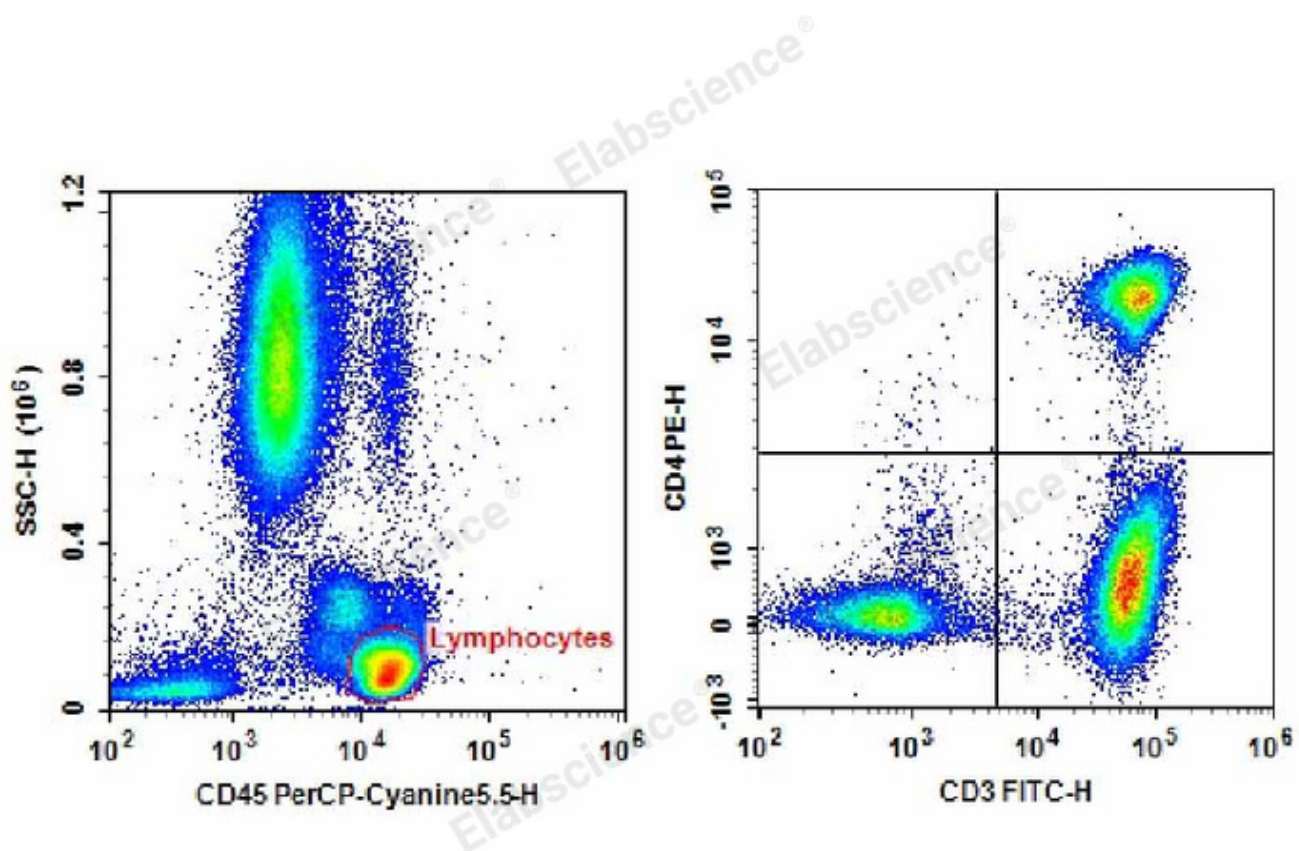
CD45 is a single-chain type I transmembrane glycoprotein. Except for erythrocytes and platelets, CD45 is expressed on nearly all of the hematopoietic cells with high level.

It is a common marker for blood leukocytes. CD45 is a receptor type protein tyrosine phosphatase and plays essential roles in B cell and T cells signaling.

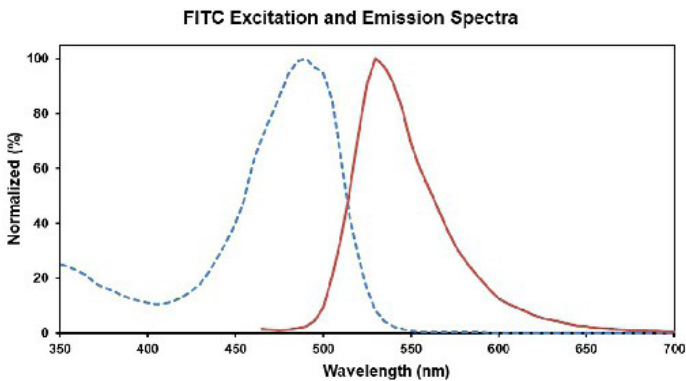
Additional info

Clone No	OKT-3 , RPA-T4 , HI30
Leadtime	Order now, ship in 3 days
Reactivity	Human
Clonality	Monoclonal
Applications	FCM
Form	Liquid
Concentration	5 µL/Test
Conjugation	FITC;PE;PerCP/Cyanine 5.5
Conjugation Information	FITC is designed to be excited by the Blue laser (488 nm) and detected using an optical filter centered near 530 nm (e.g., a 525/40 nm bandpass filter). PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green (561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42 nm bandpass filter). PerCP/Cyanine5.5 is designed to be excited by the blue laser (488 nm) and detected using an optical filter centered near 675 nm (e.g., a 690/50 nm bandpass filter).
Storage Buffer	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
Storage	This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
Expiration Date	12 months
Shipping	Ice bag

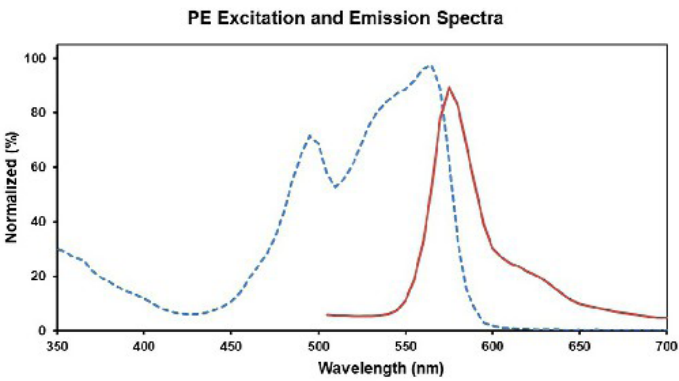
Human peripheral blood lymphocytes are stained with Anti-Human CD3-FITC/CD4-PE/CD45-PerCP-Cyanine5.5.



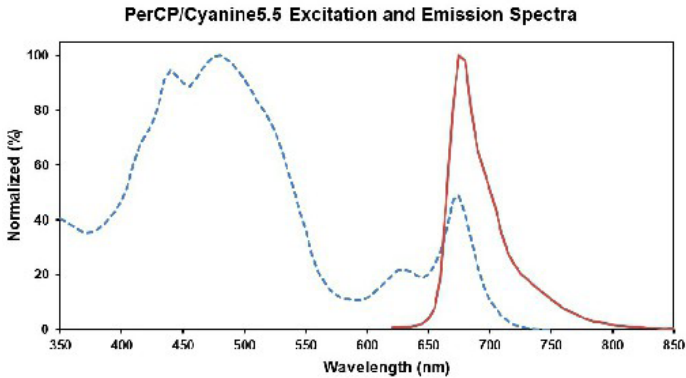
Spectrum



Ex:490 nm; Em:530 nm



Ex:495;565 nm; Em:575 nm



Ex:440;480;675 nm; Em:675 nm





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