

For Research Use Only

Anti-Human CD3 (SK7)

Catalog Number: 65148-1-Ig



Basic Information

Catalog Number:	65148-1-Ig	GenBank Accession Number:	BC049847	Purification Method:	Affinity purification
Size:	100ug, 500 µg/ml	GeneID (NCBI):	916	CloneNo.:	SK7
Source:	Mouse	ENSEMBL Gene ID:	ENSG00000198851		
Isotype:	IgG1, kappa	Full Name:	CD3e molecule, epsilon (CD3-TCR complex)		
		Calculated MW:	207 aa, 23 kDa		

Applications

Tested Applications:
FC

Species Specificity:
human

Background Information

CD3 is a multimeric protein associated with the T-cell receptor (TCR) to form a complex involved in antigen recognition and signal transduction (PMID: 15885124). CD3 is composed of CD3 γ , δ , ϵ , and ζ chains (PMID: 1826255). It is expressed by thymocytes in a developmentally regulated manner, T cells, and some NK cells (PMID: 3289580). The TCR recognizes antigens bound to major histocompatibility complex (MHC) molecules. TCR-mediated peptide-MHC recognition is transmitted to the CD3 complex, leading to the intracellular signal transduction (PMID: 11985657).

Storage

Storage:
Store at 2-8°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.09% sodium azide.

For technical support and original validation data for this product please contact:

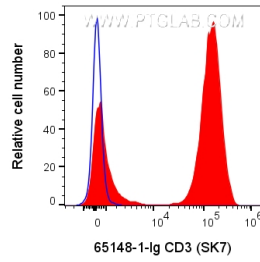
T: 4006900926

E: Proteintech-CN@ptglab.com

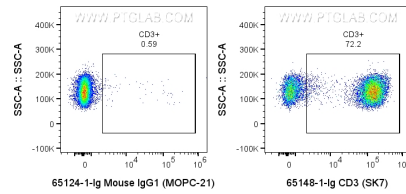
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.2 ug Anti-Human CD3 (65148-1-Ig, Clone:SK7) (red) or Mouse IgG1 Isotype Control (65124-1-Ig, Clone: MOPC-21) (blue) and Multi-rAb CoraLite ® Plus 647-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM005). Cells were not fixed. Lymphocytes were gated.



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