

For Research Use Only

FcZero-rAb® CoraLite® Plus 647 Anti-Human SLAMF7/CD319 Rabbit Recombinant Antibody

Catalog Number: CL647-FcA98093



Basic Information

Catalog Number: CL647-FcA98093	GenBank Accession Number: BC027867	Purification Method: Protein A purification
Concentration: 100tests, 5 ul/test	GeneID (NCBI): 57823	CloneNo.: 241321F11
Source: Rabbit	UNIPROT ID: Q9NQ25	Recommended Dilutions: FC: 5 ul per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: SLAM family member 7	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
	Calculated MW: 335 aa, 37 kDa	

Applications

Tested Applications: FC	Positive Controls: FC : human PBMCs,
Species Specificity: human	

Background Information

Signaling lymphocyte activation molecule (SLAM) family receptors is a group of type I transmembrane receptors belonging to the immunoglobulin superfamily (PMID: 37251372). The SLAM family contains nine members that contain an extracellular segment comprising two or four Ig-like domains (V-like variable and C2-like constant), a transmembrane region and a cytoplasmic tail (PMID: 29662641). They are involved in various physiological and pathological processes, including the regulation of immunological responses and the route of viral entry. SLAMF7, also known as CS1, CRACC or CD319, is expressed on NK cells, CD8+ T lymphocytes, B lymphocytes, and mature dendritic cells (PMID: 28861320). It exerts both activating and inhibitory effects depending on the expression status of SAP or EAT-2. SLAMF7 is overexpressed in multiple myeloma and makes it a target for immunotherapy (PMID: 28861320).

Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

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

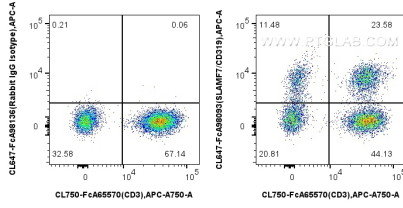
T: 4006900926

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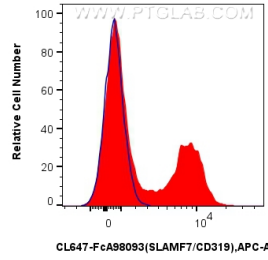
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Selected Validation Data



1x10⁶ human PBMCs were surface stained with FcZero-rAb® CoraLite® Plus 750 Anti-Human CD3 (UCHT1), and 5 ul CoraLite® Plus 647 Anti-Human SLAMF7/CD319 Rabbit RecAb (CL647-FcA98093, Clone: 241321F11) or FcZero-rAb® CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 5 ul CoraLite® Plus 647 Anti-Human SLAMF7/CD319 Rabbit RecAb (CL647-FcA98093, Clone: 241321F11) (red) or FcZero-rAb® CoraLite® Plus 647 Rabbit IgG Isotype Control Recombinant Antibody (CL647-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.