FcZero-rAb™ PE Anti-Human SLAMF7/CD319 Rabbit Recombinant Antibody

Catalog Number:PE-FcA98093

Proteintech®
Antibodies | ELISA kits | Proteins
FcZero-rAb
www.ptglab.com

Basic Information

Catalog Number:
PE-FcA98093

Concentration:
100tests, 5 ul/test

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC027867

GeneID (NCBI):
57823

Full Name:
SLAM family member 7

Calculated MW:
335 aa, 37 kDa

Purification Method:
Protein A purification

CloneNo.:
241321F11

Recommended Dilutions:
FC: 5 ul per 10^6 cells in 100 μl suspension

Excitation/Emission maxima wavelengths:
496 nm, 565 nm / 578 nm

Applications

Tested Applications:
FC

Species Specificity:
human

Positive Controls:
FC : human PBMCs,

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).
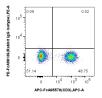
Storage

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

Selected Validation Data

1x10^6 human PBMCs were surface stained with FcZero-rAb™ APC Anti-Human CD3 and 5 ul PE Anti-Human SLAMF7/CD319 Rabbit RecAb (PE-FcA98093, Clone:241321F11), or PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9). Cells were not fixed.