

For Research Use Only

FcZero-rAb™ PE Anti-Human CD79a Rabbit Recombinant Antibody

Catalog Number: PE-FcA98072



Basic Information

Catalog Number: PE-FcA98072	GenBank Accession Number: BC113733	Purification Method: Protein A purification
Size: 100 tests, 5 ul/test	GeneID (NCBI): 973	CloneNo.: 241299F3
Source: Rabbit	Full Name: CD79a molecule, immunoglobulin-associated alpha	Recommended Dilutions: FC (Intra): 5 ul per 10 ⁶ cells in 100 µl suspension
Isotype: IgG	Calculated MW: 226 aa, 25 kDa	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm

Applications

Tested Applications: FC (Intra)	Positive Controls: FC (Intra) : human PBMCs,
Species Specificity: human	

Background Information

CD79a, also named as B-cell antigen receptor complex-associated protein alpha chain or MB-1 membrane glycoprotein, is a 226 amino acid protein, which contains one ITAM domain and one Ig-like C2-type (immunoglobulin-like) domain. CD79A is expressed in B cells and localizes in the cell membrane. CD79A is required in cooperation with CD79B for initiation of the signal transduction cascade activated by binding of antigen to the B-cell antigen receptor complex (BCR) which leads to internalization of the complex, trafficking to late endosomes and antigen presentation. CD79A is also required for BCR surface expression and for efficient differentiation of pro- and pre-B-cells.

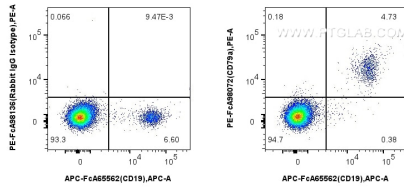
Storage

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:
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Selected Validation Data



1x10⁶ human PBMCs were stained with APC Anti-Human CD19 (4G7), and 5 ul FcZero-rAb™ PE Anti-Human CD79a Rabbit RecAb (PE-FcA98072, Clone:241299F3) or PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).