For Research Use Only

FcZero-rAb® Biotin Anti-Human CD79a (HM57) Rabbit Recombinant Antibody

Catalog Number:Biotin-FcA65610

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
Biotin-FcA65610

Concentration:
100ug, 500 ug/ml

Source:
Rabbit

Isotype:
IgG

GenBank Accession Number:
BC113731

GeneID (NCBI):
973

UNIPROT ID:
P11912

Full Name:
CD79a molecule, immunoglobulin-associated alpha

Purification Method:
Protein A purification

CloneNo.:
HM57

Recommended Dilutions:
FC (Intra): 0.1 ug per 10^6 cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:
-

Applications

Tested Applications:
FC (Intra)

Species Specificity:
human

Positive Controls:

FC (Intra) : human PBMCs,

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.

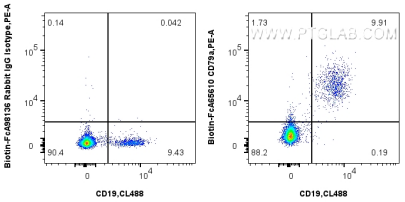
Storage

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

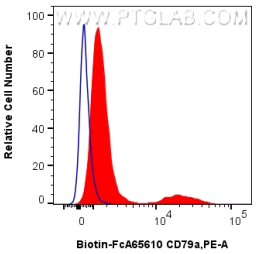
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10^6 human PBMCs were intracellularly stained with 0.1 ug Biotin Anti-Human CD79a (HM57) Rabbit RecAb (Biotin-FcA65610, Clone: HM57) or 0.1 ug Isotype Control, and Streptavidin-PE Conjugate (PE-PF00030). Cells were co-stained with 0.25 ug CoraLite® Plus 488 Anti-Human CD19 (4G7) Mouse IgG2a Recombinant Antibody (CL488-65562, Clone: 4G7). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization



1x10^6 human PBMCs were intracellularly stained with 0.1 ug Biotin Anti-Human CD79a (HM57) Rabbit RecAb (Biotin-FcA65610, Clone: HM57) (red) or 0.1 ug Isotype Control (blue), and Streptavidin-PE Conjugate (PE-PF00030). Cells were fixed and permeabilized with Intracellular Flow Cytometry Fixation & Permeabilization Buffer Kit (PF00019). Lymphocytes were gated.