

For Research Use Only

Biotin Anti-Mouse Glycophorin A/CD235a Rabbit Recombinant Antibody

Catalog Number: Biotin-98269



Basic Information

Catalog Number:

Biotin-98269

Concentration:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1886

GenBank Accession Number:

NM_010369.3

GeneID (NCBI):

14934

UNIPROT ID:

P14220

Full Name:

glycophorin A

Calculated MW:

18kDa

Purification Method:

Protein A purification

CloneNo.:

242129D10

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse bone marrow cells,

Background Information

Glycophorin A (GYPA), also known as CD235a, is the major transmembrane sialoglycoprotein in erythrocytes. It is a dimeric type I transmembrane protein carrying 15 closely clustered O-linked tetrasaccharides capped with sialic acid/N-acetylneuraminic acid (Neu5Ac). This 36 kDa protein represents the major sialoglycoprotein of the red blood cell membrane displaying about one million copies per cell. (PMID: 9490702)

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, pH7.3

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

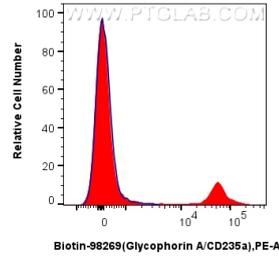
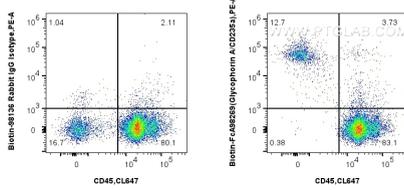
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Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Biotin Anti-Mouse Glycophorin A/CD235a Rabbit RecAb (Biotin-98269, Clone: 242129D10) or Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-98136, Clone: 240953C9), and Streptavidin-PE Conjugate (PE-PF00030). Cells were co-stained with CoraLite® Plus 647 Anti-Mouse CD45 (30-F11) (CL647-65087, Clone: 30-F11). Cells were not fixed.

1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Biotin Anti-Mouse Glycophorin A/CD235a Rabbit RecAb (Biotin-98269, Clone: 242129D10) (red) or Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-98136, Clone: 240953C9) (blue), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.