

For Research Use Only

FcZero-rAb™ Biotin Anti-Human CD59 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98099



Basic Information

Catalog Number:

Biotin-FcA98099

Size:

100ug, 500 ug/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC001506

GeneID (NCBI):

966

UNIPROT ID:

P13987

Full Name:

CD59 molecule, complement
regulatory protein

Calculated MW:

19 kDa

Purification Method:

Protein A purification

CloneNo.:

241311A4

Recommended Dilutions:

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

Excitation/Emission maxima
wavelengths:

-

Applications

Tested Applications:

FC, ELISA

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

Background Information

CD59, also named as MIC11, MIN1, MIN2, MIN3, MSK21, M1RL, MAC1F, HRF20 and 1F5 antigen, is a cell surface molecule glycoprotein with MW 18-25 kDa. It acts as a determinant of proximal-distal cell identity. CD59 acts by binding to the C8 and/or C9 complements of the assembling membrane attack complex (MAC), thereby preventing incorporation of the multiple copies of C9 required for complete formation of the osmolytic pore. It is involved in signal transduction for T-cell activation complexed to a protein tyrosine kinase.

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

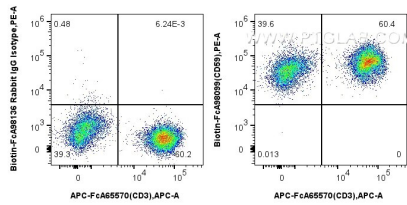
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

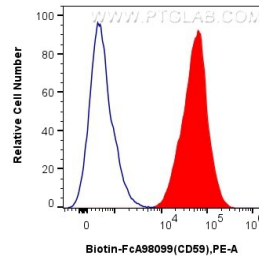
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug Biotin Anti-Human CD59 Rabbit RecAb (Biotin-FcA98099, Clone:241311A4) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and Streptavidin-PE Conjugate (PE-PF00030). Cells were then stained with FcZero-rAb™ APC Anti-Human CD3 (UCHT1) Rabbit IgG Recombinant Antibody (APC-FcA65570, Clone: UCHT1). Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 0.25 ug Biotin Anti-Human CD59 Rabbit RecAb (Biotin-FcA98099, Clone:241311A4) and Streptavidin-PE Conjugate (PE-PF00030) (red), or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9)(blue). Cells were not fixed.