

For Research Use Only

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

Catalog Number: Biotin-FcA98099



Basic Information

Catalog Number:	Biotin-FcA98099	GenBank Accession Number:	BC001506	Purification Method:	Protein A purification
Concentration:	100ug, 500 ug/ml	GenID (NCBI):	966	CloneNo.:	241311A4
Source:	Rabbit	UNIPROT ID:	P13987	Recommended Dilutions:	FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype:	IgG	Full Name:	CD59 molecule, complement regulatory protein	Excitation/Emission maxima wavelengths:	-
		Calculated MW:	19 kDa		

Applications

Tested Applications:	Positive Controls:
FC, ELISA	FC : human PBMCs,

Species Specificity:
human

Background Information

CD59, also named as MIC11, MIN1, MIN2, MIN3, MSK21, MIRL, MACIF, 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:

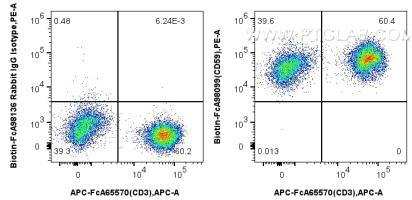
T: 4006900926

E: Proteintech-CN@ptglab.com

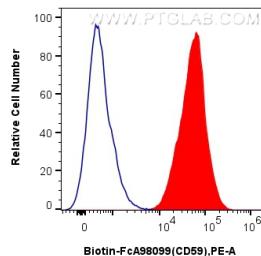
W: ptgcn.com

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

Selected Validation Data



1×10^6 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.



1×10^6 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.