

For Research Use Only

FcZero-rAb® Biotin Anti-Mouse CD73 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98199



Basic Information

Catalog Number: Biotin-FcA98199	GenBank Accession Number: NM_011851.4	Purification Method: Protein A purification
Concentration: 100ug, 500 ug/ml	GeneID (NCBI): 23959	CloneNo.: 241541G9
Source: Rabbit	UNIPROT ID: Q61503	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: 5' nucleotidase, ecto	Excitation/Emission maxima wavelengths: -
Immunogen Catalog Number: EG1389	Calculated MW: 64kDa	

Applications

Tested Applications: FC, ELISA	Positive Controls: FC : mouse splenocytes,
Species Specificity: mouse	

Background Information

CD73 is a membrane-bound enzyme that catalyzes the extracellular hydrolysis of adenosine monophosphate (AMP) to produce adenosine. It is expressed on various immune cells, including T cells, B cells, dendritic cells, and regulatory T cells (Tregs). CD73 works in conjunction with CD39 to break down extracellular ATP into adenosine, creating an immunosuppressive environment that can inhibit the function of cytotoxic T cells and natural killer (NK) cells. This process is essential for immune tolerance and the resolution of inflammation. CD73 is also an important player in controlling tumor progression.

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:

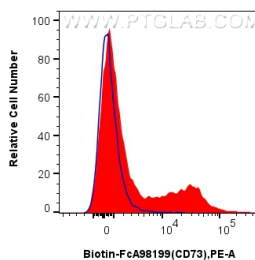
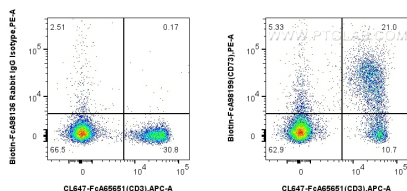
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with 0.25 ug Biotin Anti-Mouse CD73 Rabbit RecAb (Biotin-FcA98199, Clone: 241541G9) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and Streptavidin-PE Conjugate (PE-PF00030). Cells were co-stained with FcZero-rAb™ CoraLite® Plus 647 Anti-Mouse CD3e (145-2C11) Rabbit IgG Recombinant Antibody (CL647-FcA65651, Clone: 145-2C11). Cells



1x10⁶ mouse splenocytes were surface stained with 0.25 ug Biotin Anti-Mouse CD73 Rabbit RecAb (Biotin-FcA98199, Clone: 241541G9) (red) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.