

For Research Use Only

FcZero-rAb™ PE Anti-Mouse CD73 Rabbit Recombinant Antibody

Catalog Number: PE-FcA98199



Basic Information

Catalog Number:

PE-FcA98199

Concentration:

100ug, 200 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1389

GenBank Accession Number:

NM_011851.4

GeneID (NCBI):

23959

Full Name:

5' nucleotidase, ecto

Calculated MW:

64kDa

Purification Method:

Protein A purification

CloneNo.:

241541G9

Recommended Dilutions:

FC: 0.1 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse splenocytes,

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 and 0.5% BSA, pH7.3

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

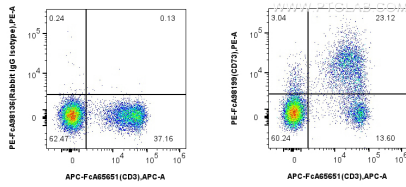
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ mouse splenocytes were surface stained with FcZero-rAb™ APC Anti-Mouse CD3e, and 0.1 ug PE Anti-Mouse CD73 Rabbit RecAb (PE-FcA98199, Clone: 241541G9) or 0.1 ug PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9). Cells were not fixed.