

For Research Use Only

# FcZero-rAb™ APC Anti-Mouse CD73 Rabbit Recombinant Antibody

Catalog Number: APC-FcA98199



## Basic Information

Catalog Number:

APC-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 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

650 nm / 660 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:

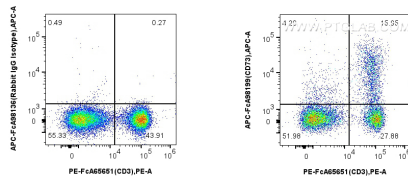
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> mouse splenocytes were surface stained with FcZero-rAb™ APC Anti-Mouse CD3e, and 0.1 ug APC Anti-Mouse CD73 Rabbit RecAb (APC-FcA98199, Clone: 241541G9) or 0.1 ug APC Rabbit IgG Isotype Control RecAb (APC-FcA98136, Clone: 240953C9). Cells were not fixed.