

For Research Use Only

# FcZero-rAb® APC Anti-Human CD39/ENTPD1 Rabbit Recombinant Antibody

Catalog Number: APC-FcA98102



## Basic Information

**Catalog Number:**

APC-FcA98102

**Concentration:**

100tests, 5 ul/test

**Source:**

Rabbit

**Isotype:**

IgG

**GenBank Accession Number:**

BC047664

**GeneID (NCBI):**

953

**UNIPROT ID:**

P49961

**Full Name:**

ectonucleoside triphosphate diphosphohydrolase 1

**Calculated MW:**

58 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

241292G7

**Recommended Dilutions:**

FC: 5 ul 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:**

human

**Positive Controls:**

FC : human PBMCs,

## Background Information

ENTPD1 (Ectonucleoside triphosphate diphosphohydrolase 1) is also named CD39, NTPDase 1, and Ecto-ATPDase 1 and belongs to the GDA1/CD39 NTPase family. In the nervous system, it can hydrolyze ATP and other nucleotides to regulate purinergic neurotransmission. It is a noncovalent tetrameric protein and detergent inhibition of enzymatic activity is caused by dissociation of ectoapyrase tetramers into monomers (PMID: 9733785).

## 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:

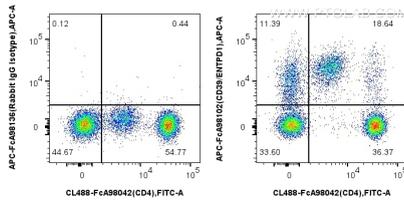
T: 4006900926

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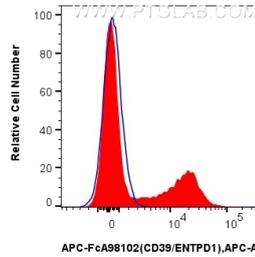
W: ptgcn.com

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## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with FcZero-rAb® CoraLite® Plus 488 Anti-Human CD4, and 5 ul APC Anti-Human CD39/ENTPD1 Rabbit RecAb (APC-FcA98102, Clone: 241292G7) or FcZero-rAb® APC Rabbit IgG Isotype Control Recombinant Antibody (APC-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10<sup>6</sup> human PBMCs were surface stained with 5 ul APC Anti-Human CD39/ENTPD1 Rabbit RecAb (APC-FcA98102, Clone: 241292G7) (red) or FcZero-rAb® APC Rabbit IgG Isotype Control Recombinant Antibody (APC-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.