

For Research Use Only

# FcZero-rAb® CoraLite® Plus 594 Anti-Human CD39/ENTPD1 Rabbit Recombinant Antibody

Catalog Number: CL594-FcA98102



## Basic Information

Catalog Number:

CL594-FcA98102

Size:

100 tests, 5 µl/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 µl per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maximum wavelengths:

588 nm / 604 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

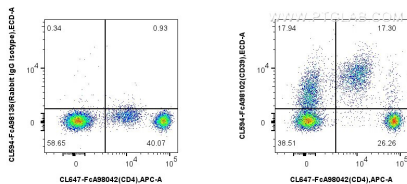
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

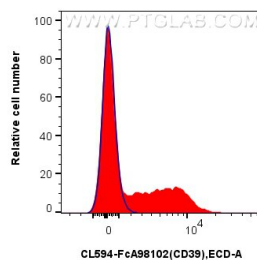
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

## Selected Validation Data



1x10<sup>6</sup> human PBMCs were surface stained with FcZero-rAb® CoraLite® Plus 647 Anti-Human CD4, and 5 ul CoraLite® Plus 594 Anti-Human CD39/ENTPD1 Rabbit RecAb (CL594-FcA98102, Clone: 241292G7) or FcZero-rAb® CoraLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (CL594-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10<sup>6</sup> human PBMCs were surface stained with 5 ul CoraLite® Plus 594 Anti-Human CD39/ENTPD1 Rabbit RecAb (CL594-FcA98102, Clone: 241292G7) (red) or FcZero-rAb® CoraLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (CL594-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.