

For Research Use Only

CoraLite® Plus 488 Anti-Human CD39/ENTPD1 Rabbit scFv Antibody

Catalog Number: CL488-SF98102



Basic Information

Catalog Number:

CL488-SF98102

Size:

100ug, Concentration: 500 ug/ml by Nanodrop;

Source:

Rabbit

Type:

scFv

GenBank Accession Number:

BC047664

GeneID (NCBI):

953

Full Name:

ectonucleoside triphosphate diphosphohydrolase 1

Calculated MW:

58 kDa

Purification Method:

Affinity purification

CloneNo.:

241292G7

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

493 nm / 522 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:

50mM HEPES, 150mM NaCl, 5mM EDTA, 0.1% CHAPS, 10% Sucrose and 0.1% Proclin300, pH7.3

*** 20ul sizes contain 0.1% BSA

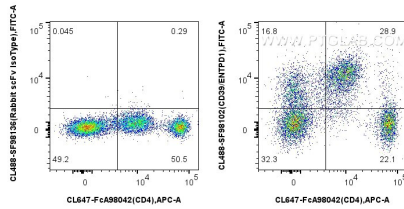
For technical support and original validation data for this product please contact:

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

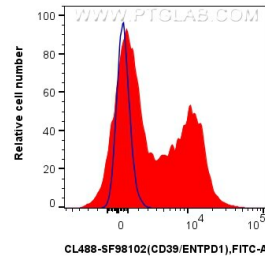
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ human PBMCs were surface stained with CoraLite® Plus 647 Anti-Human CD4, and 0.25 ug CoraLite® Plus 488 Anti-Human CD39/ENTPD1 Rabbit scFv Antibody (CL488-SF98102, Clone: 241292G7) or 0.25 ug CoraLite® Plus 488 Rabbit scFv Isotype Control (CL488-SF98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 0.25 ug CoraLite® Plus 488 Anti-Human CD39/ENTPD1 Rabbit scFv Antibody (CL488-SF98102, Clone: 241292G7) (red) or 0.25 ug CoraLite® Plus 488 Rabbit scFv Isotype Control (CL488-SF98136, Clone: 240953C9) (blue). Cells were not fixed.