

For Research Use Only

# FcZero-rAb™ CoraLite® Plus 488 Anti-Mouse CD147 Rabbit Recombinant Antibody

Catalog Number: CL488-FcA98229



## Basic Information

Catalog Number:

CL488-FcA98229

Concentration:

100ug, 500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1530

GenBank Accession Number:

NM\_009768.2

GeneID (NCBI):

12215

Full Name:

basigin

Calculated MW:

42kDa

Purification Method:

Protein A purification

CloneNo.:

241852B4

Recommended Dilutions:

FC: 0.25 ug per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : mouse thymocytes,

## Background Information

CD147, also known as Basigin or extracellular matrix metalloproteinase inducer (EMMPRIN), is a transmembrane glycoprotein that belongs to the immunoglobulin superfamily (PMID: 7812975). The molecule is composed of an intracellular portion, an extracellular portion and a single transmembrane region. CD147 is expressed on a variety of cell types (e.g., hematopoietic, epithelial, and endothelial cells) and at varying levels (PMID: 32968061). CD147 is a pleiotropic molecule that plays an important role in fetal, neuronal, lymphocyte and extracellular matrix development (PMID: 17945211).

## 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, pH7.3

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

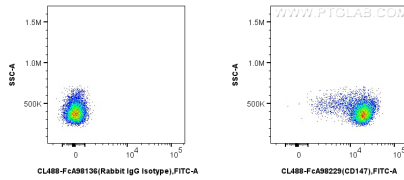
T: 4006900926

E: Proteintech-CN@ptglab.com

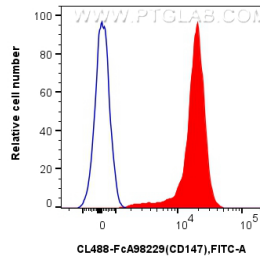
W: ptgcn.com

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## Selected Validation Data



1x10<sup>6</sup> mouse thymocytes were surface stained with 0.25 ug CoraLite® Plus 488 Anti-Mouse CD147 Rabbit RecAb (CL488-FcA98229, Clone: 241852B4) or 0.25 ug CoraLite® Plus 488 Rabbit IgG Isotype Control RecAb (CL488-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10<sup>6</sup> mouse thymocytes were surface stained with 0.25 ug CoraLite® Plus 488 Anti-Mouse CD147 Rabbit RecAb (CL488-FcA98229, Clone: 241852B4) (red) or 0.25 ug CoraLite® Plus 488 Rabbit IgG Isotype Control RecAb (CL488-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.