

For Research Use Only

# FcZero-rAb® PE-CoraLite® Plus 594 Anti-Mouse CD147 Rabbit Recombinant Antibody



Catalog Number: PCL594-FcA98229

## Basic Information

Catalog Number:  
PCL594-FcA98229

Size:  
100ug, 200 ug/ml

Source:  
Rabbit

Isotype:  
IgG

Immunogen Catalog Number:  
EG1530

GenBank Accession Number:  
NM\_009768.2

GeneID (NCBI):  
12215

UNIPROT ID:  
P18572-1

Full Name:  
basigin

Calculated MW:  
42 kDa

Purification Method:  
Protein A purification

CloneNo.:  
241852B4

Recommended Dilutions:  
FC: 0.1 ug per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:  
496 nm, 565 nm / 604 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 and 0.5% BSA, pH7.3

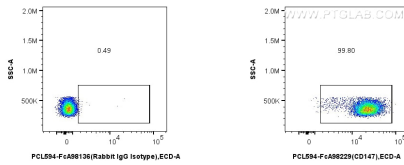
For technical support and original validation data for this product please contact:

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

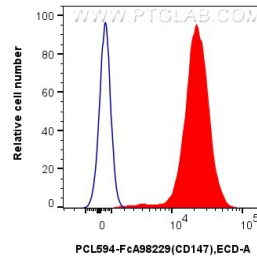
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



1x10<sup>6</sup> mouse thymocytes were surface stained with 0.1 ug PE-CorLite® Plus 594 Anti-Mouse CD147 Rabbit RecAb (PCL594-FcA98229, Clone: 241852B4) or 0.1 ug FcZero-rAb® PE-CorLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9). Cells were not fixed.



1x10<sup>6</sup> mouse thymocytes were surface stained with 0.1 ug PE-CorLite® Plus 594 Anti-Mouse CD147 Rabbit RecAb (PCL594-FcA98229, Clone: 241852B4) (red) or 0.1 ug FcZero-rAb® PE-CorLite® Plus 594 Rabbit IgG Isotype Control Recombinant Antibody (PCL594-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.