

For Research Use Only

CoraLite® Plus 647 Anti-Human CD147 Rabbit scFv Antibody

Catalog Number: CL647-SF98558



Basic Information

Catalog Number:

CL647-SF98558

Source:

Rabbit

Type:

scFv

Immunogen Catalog Number:

EG0436

GenBank Accession Number:

BC009040

GeneID (NCBI):

682

Full Name:

basigin (Ok blood group)

Calculated MW:

385 aa, 42 kDa

Purification Method:

Affinity purification

CloneNo.:

251215H5

Recommended Dilutions:

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

Excitation/Emission maxima wavelengths:

654 nm / 674 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human PBMCs,

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:

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

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

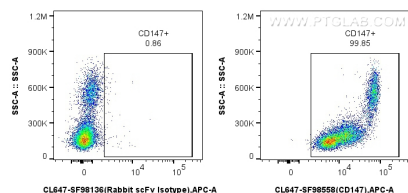
T: 4006900926

E: Proteintech-CN@ptglab.com

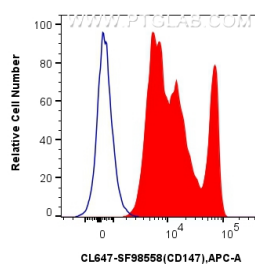
W: ptgcn.com

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Selected Validation Data



1x10⁶ human PBMCs were surface stained with 0.25 ug CoraLite® Plus 647 Anti-Human CD147 Rabbit scFv Antibody (CL647-SF98558, Clone: 251215H5) or 0.25 ug CoraLite® Plus 647 Rabbit scFv Isotype Control (CL647-SF98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ human PBMCs were surface stained with 0.25 ug CoraLite® Plus 647 Anti-Human CD147 Rabbit scFv Antibody (CL647-SF98558, Clone: 251215H5) (red) or 0.25 ug CoraLite® Plus 647 Rabbit scFv Isotype Control (CL647-SF98136, Clone: 240953C9) (blue). Cells were not fixed.