

For Research Use Only

FcZero-rAb® Biotin Anti-Mouse CD147 Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98229



Basic Information

Catalog Number: Biotin-FcA98229	GenBank Accession Number: NM_009768.2	Purification Method: Protein A purification
Size: 100ug , 500 ug/ml	GeneID (NCBI): 12215	CloneNo.: 241852B4
Source: Rabbit	UNIPROT ID: P18572-1	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: basigin	Excitation/Emission maxima wavelengths: -
Immunogen Catalog Number: EG1530	Calculated MW: 42 kDa	

Applications

Tested Applications: FC, ELISA	Positive Controls: FC : mouse thymocytes,
Species Specificity: mouse	

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

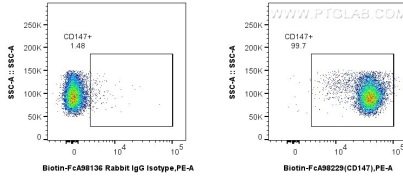
For technical support and original validation data for this product please contact:

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

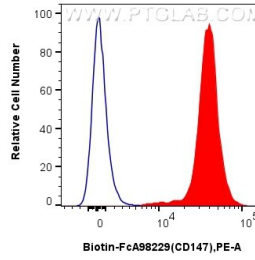
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1x10⁶ mouse thymocytes were surface stained with 0.25 ug Biotin Anti-Mouse CD147 Rabbit RecAb (Biotin-FcA98229, Clone: 241852B4) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.



1x10⁶ mouse thymocytes were surface stained with 0.25 ug Biotin Anti-Mouse CD147 Rabbit RecAb (Biotin-FcA98229, Clone: 241852B4) (red) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.