

For Research Use Only

FcZero-rAb® Biotin Anti-Human SIRP Alpha/CD172a Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98101



Basic Information

Catalog Number: Biotin-FcA98101	GenBank Accession Number: NM_080792	Purification Method: Protein A purification
Size: 100ug , 500 ug/ml	GeneID (NCBI): 140885	CloneNo.: 240789E1
Source: Rabbit	UNIPROT ID: P78324	Recommended Dilutions: FC: 0.25 ug per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Full Name: signal-regulatory protein alpha	Excitation/Emission maxima wavelengths: -
Immunogen Catalog Number: EG0625	Calculated MW: 55 kDa	

Applications

Tested Applications: FC, ELISA	Positive Controls: FC : human peripheral blood leukocytes,
Species Specificity: human	

Background Information

SIRP Alpha, also known as CD172a, SHPS-1, and BIT, belongs to the SIRP family. SIRP Alpha is a transmembrane glycoprotein expressed explicitly on myeloid cells and provides a "do not eat me" signal after engaging with integrin-associated protein CD47 on tumor cells (PMID: 36419386). SIRP Alpha shows heterogeneity in molecular weight (~65-120 kDa) in various tissues due to differential glycosylation (PMID: 18051954).

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

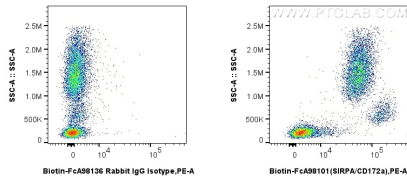
For technical support and original validation data for this product please contact:

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

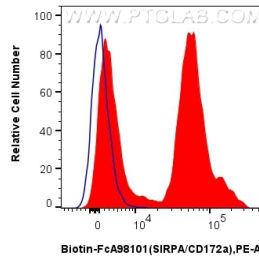
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



1×10^6 human peripheral blood leukocytes were surface stained with 0.25 μ g Biotin Anti-Human SIRP Alpha/CD172a Rabbit RecAb (Biotin-FcA98101, Clone: 240789E1) or FcZero-rAb® Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and Streptavidin-PE Conjugate (PE-PF00030). Cells were not fixed.



1×10^6 human peripheral blood leukocytes were surface stained with 0.25 μ g Biotin Anti-Human SIRP Alpha/CD172a Rabbit RecAb (Biotin-FcA98101, Clone: 240789E1) (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.