

For Research Use Only

# FcZero-rAb® Biotin Anti-Human SIRP beta 1/CD172b Rabbit Recombinant Antibody

Catalog Number: Biotin-FcA98267



## Basic Information

<b>Catalog Number:</b> Biotin-FcA98267	<b>GenBank Accession Number:</b> NM_006065.5	<b>Purification Method:</b> Protein A purification
<b>Concentration:</b> 100ug, 500 ug/ml	<b>GeneID (NCBI):</b> 10326	<b>CloneNo.:</b> 242115C10
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> O00241-1	<b>Recommended Dilutions:</b> FC: 0.25 ug per 10 <sup>6</sup> cells in a 100 µl suspension
<b>Isotype:</b> IgG	<b>Full Name:</b> signal-regulatory protein beta 1	<b>Excitation/Emission maxima wavelengths:</b> -
<b>Immunogen Catalog Number:</b> EG1668	<b>Calculated MW:</b> 43kDa	

## Applications

<b>Tested Applications:</b> FC, ELISA	<b>Positive Controls:</b> FC : human peripheral blood leukocytes,
<b>Species Specificity:</b> human	

## Background Information

SIRP beta 1, also known as CD172b, is a member of the signal-regulatory-protein (SIRP) family and also belongs to the immunoglobulin superfamily. SIRP family members are cell surface signaling receptors differentially expressed in leukocytes and the central nervous system. SIRP beta 1 interacts with TYROBP/DAP12, a protein-bearing immunoreceptor tyrosine-based activation motif. SIRP beta 1 also participates in the recruitment of tyrosine kinase SYK.

## 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:

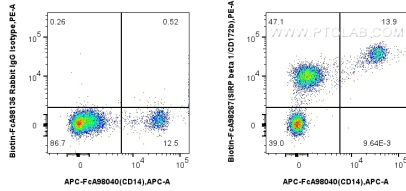
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

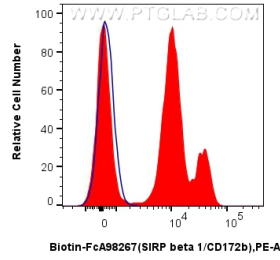
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with 0.25 ug Biotin Anti-Human SIRP beta 1/CD172b Rabbit RecAb (Biotin-FcA98267, Clone: 242115C10) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9), and Streptavidin-PE Conjugate (Cat.No. PE-PF00030). Cells were co-stained with FcZero-rAb™ APC Anti-Human CD14 Rabbit Recombinant Antibody (APC-FcA98040, Clone: 230332D7). Cells were not



1x10<sup>6</sup> human peripheral blood leukocytes were surface stained with 0.25 ug Biotin Anti-Human SIRP beta 1/CD172b Rabbit RecAb (Biotin-FcA98267, Clone:242115C10) (red) or FcZero-rAb™ Biotin Rabbit IgG Isotype Control Recombinant Antibody (Biotin-FcA98136, Clone: 240953C9) (blue), and Streptavidin-PE Conjugate (Cat.No. PE-PF00030). Cells were not fixed.