

For Research Use Only

FcZero-rAb™ PE Anti-Human SIRP Alpha/CD172a Rabbit Recombinant Antibody

Catalog Number: PE-FcA98101



Basic Information

Catalog Number:

PE-FcA98101

Concentration:

100 tests, 5 µl/test

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_080792

GeneID (NCBI):

140885

Full Name:

signal-regulatory protein alpha

Calculated MW:

55 kDa

Purification Method:

Protein A purification

CloneNo.:

240789E1

Recommended Dilutions:

FC: 5 µl per 10⁶ cells in 100 µl suspension

Excitation/Emission maxima wavelengths:

496 nm, 565 nm / 578 nm

Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : human peripheral blood leukocytes,

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 and 0.5% BSA, pH7.3

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

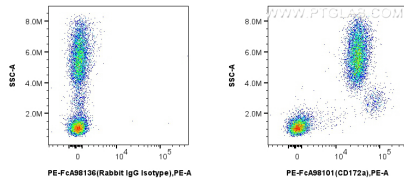
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Selected Validation Data



1×10^6 human peripheral blood leukocytes were surface stained with 5 μ l PE Anti-Human SIRP Alpha/CD172a Rabbit Recombinant Antibody (PE-FcA98101, Clone: 240789E1) (red), or 5 μ l PE Rabbit IgG Isotype Control Recombinant Antibody (PE-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.