

For Research Use Only

CoraLite® Plus 647-conjugated SIRP Alpha/CD172a Polyclonal antibody

Catalog Number:CL647-31485



Basic Information

Catalog Number:

CL647-31485

Size:

100ul , Concentration: 1000 ug/ml by
Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG0625

GenBank Accession Number:

NM_080792

GeneID (NCBI):

140885

UNIPROT ID:

P78324

Full Name:

signal-regulatory protein alpha

Calculated MW:

55 kDa

Observed MW:

65-100 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

IF/ICC: 1:50-1:500

**Excitation/Emission maxima
wavelengths:**

654 nm / 674 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

human

Positive Controls:

IF/ICC : THP-1 cells,

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 -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3

Aliquoting is unnecessary for -20°C storage

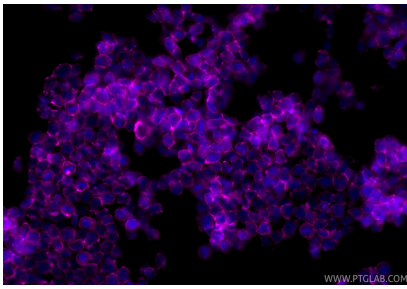
For technical support and original validation data for this product please contact:

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in USA), or 1(312) 455-8498 (outside USA)

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed THP-1 cells using CoraLite® Plus 647 SIRP Alpha/CD172a antibody (CL647-31485) at dilution of 1:200.