

For Research Use Only

CoraLite®594 Anti-Mouse SIRP Alpha/CD172a Rabbit Recombinant Antibody

Catalog Number:**CL594-98225**



Basic Information

Catalog Number:	CL594-98225	GenBank Accession Number:	NM_007547.4	Purification Method:	Protein A purification
Size:	100ug , 500 µg/ml	GenID (NCBI):	19261	CloneNo.:	241794D9
Source:	Rabbit	UNIPROT ID:	P97797-2	Recommended Dilutions:	FC: 0.25 ug per 10 ⁶ cells in 100 µl suspension
Isotype:	IgG	Full Name:	signal-regulatory protein alpha	Excitation/Emission maxima wavelengths:	588 nm / 604 nm
		Calculated MW:	56 kDa		

Applications

Tested Applications:	FC	Positive Controls:
Species Specificity:	mouse	FC : mouse bone marrow 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).

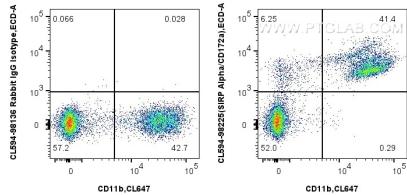
Storage

Storage:
Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 0.09% sodium azide, pH7.3

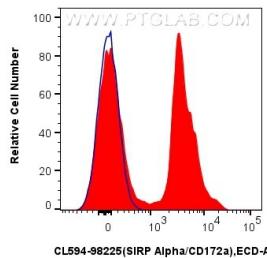
For technical support and original validation data for this product please contact:
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in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



1x10⁶ mouse bone marrow cells were surface stained with Coralite® Plus 647 Anti-Mouse CD11b, and 0.25 ug Coralite®594 Anti-Mouse SIRP Alpha/CD172a Rabbit RecAb (CL594-98225, Clone:241794D9) or 0.25 ug Coralite®594 Rabbit IgG Isotype Control RecAb (CL594-98136, Clone: 240953C9). Cells were not fixed.



1x10⁶ mouse bone marrow cells were surface stained with 0.25 ug Coralite®594 Anti-Mouse SIRP Alpha/CD172a Rabbit RecAb (CL594-98225, Clone: 241794D9) (red) or 0.25 ug Coralite®594 Rabbit IgG Isotype Control RecAb (CL594-98136, Clone: 240953C9) (blue). Cells were not fixed.