

For Research Use Only

SIRP Alpha/CD172a Monoclonal antibody, PBS Only

Catalog Number: 67337-1-PBS



Basic Information

Catalog Number: 67337-1-PBS	GenBank Accession Number: BC033092	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 140885	CloneNo.: 2F8H3
Source: Mouse	UNIPROT ID: P78324	
Isotype: IgG2b	Full Name: signal-regulatory protein alpha	
Immunogen Catalog Number: AG6361	Calculated MW: 55 kDa	
	Observed MW: 75-85 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat, pig, rabbit

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). This antibody detects a 75-85 kDa band.

Storage

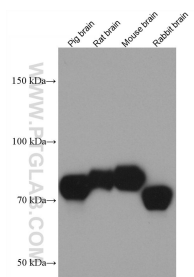
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

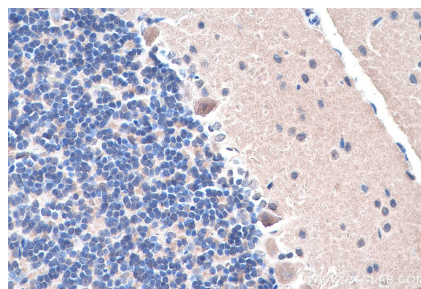
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67337-1-Ig (SIRP Alpha/CD172a antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67337-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue slide using 67337-1-Ig (SIRP Alpha antibody) at dilution of 1:4000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67337-1-PBS in a different storage buffer formulation.