

For Research Use Only

# SIRP Alpha/CD172a Monoclonal antibody, PBS Only

Catalog Number: 67337-1-PBS



## Basic Information

<b>Catalog Number:</b> 67337-1-PBS	<b>GenBank Accession Number:</b> BC033092	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1mg/ml	<b>GeneID (NCBI):</b> 140885	<b>CloneNo.:</b> 2F8H3
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P78324	
<b>Isotype:</b> IgG2b	<b>Full Name:</b> signal-regulatory protein alpha	
<b>Immunogen Catalog Number:</b> AG6361	<b>Calculated MW:</b> 55 kDa	
	<b>Observed MW:</b> 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.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

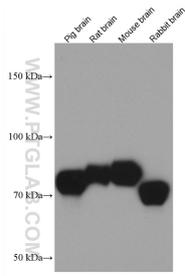
T: 4006900926

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

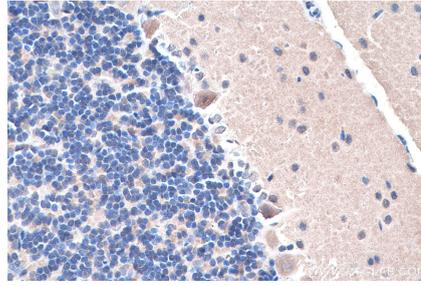
W: [ptgcn.com](http://ptgcn.com)

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

## 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.