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# Datasheet for ABIN749453 anti-SIRPA antibody (AA 151-250)

2 Images



## Overview

Quantity:	100 µL
Target:	SIRPA
Binding Specificity:	AA 151-250
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SIRPA antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), ELISA

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human CD172a
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse
Purification:	Purified by Protein A.

## Target Details

Target:	SIRPA
Alternative Name:	Sirp alpha (SIRPA Products)
Background:	Synonyms: BIT, MFR, P84, SIRP, MYD-1, SHPS1, CD172A, PTPNS1, Tyrosine-protein

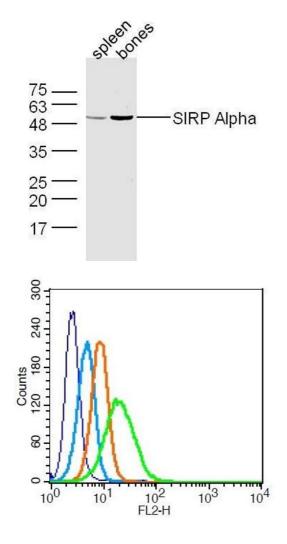
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phosphatase non-receptor type substrate 1, SHP substrate 1, SHPS-1, Brain Ig-like molecule
with tyrosine-based activation motifs, CD172 antigen-like family member A, Inhibitory receptor
SHPS-1, Macrophage fusion receptor, MyD-1 antigen, Signal-regulatory protein alpha-1, Sirp-
alpha-1, Signal-regulatory protein alpha-2, Sirp-alpha-2, Signal-regulatory protein alpha-3, Sirp-
alpha-3, SIRPA, MYD1
Background: Immunoglobulin-like cell surface receptor for CD47. Acts as docking protein and
induces translocation of PTPN6, PTPN11 and other binding partners from the cytosol to the
plasma membrane. Supports adhesion of cerebellar neurons, neurite outgrowth and glial cell
attachment. May play a key role in intracellular signaling during synaptogenesis and in synaptic
function (By similarity). Involved in the negative regulation of receptor tyrosine kinase-coupled
cellular responses induced by cell adhesion, growth factors or insulin. Mediates negative
regulation of phagocytosis, mast cell activation and dendritic cell activation. CD47 binding
prevents maturation of immature dendritic cells and inhibits cytokine production by mature dendritic cells.
140885
P78324
WB 1:300-5000
ELISA 1:500-1000
FCM 1:20-100
For Research Use only
Liquid
1 μg/μL
0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
ProClin
This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
4 °C,-20 °C

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12 months

## Images



### Western Blotting

**Image 1.** Mouse spleen and bone lysates probed with Rabbit Anti-SIRP Alpha Polyclonal Antibody, Unconjugated at 1:500 for 90 min at 37°C.

### **Flow Cytometry**

**Image 2.** Human U937 probed with SIRP Alpha Polyclonal Antibody at 1:100 for 30 minutes followed by incubation with a PE Conjugated secondary (green) for 30 minutes compared to control cells (blue), secondary only (light blue) and isotype control (orange).

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