

Datasheet for ABIN6961045  
**anti-SIRPA antibody (AA 31-370)**



[Go to Product page](#)

4 Images

### Overview

Quantity:	100 µg
Target:	SIRPA
Binding Specificity:	AA 31-370
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Application:	Flow Cytometry (FACS), ELISA, Immunoprecipitation (IP), Immunofluorescence (IF)

### Product Details

Immunogen:	Recombinant human SIRPalpha (Glu31-Arg370) (ABIN6961082) produced by using human HEK293 cells
Clone:	DM8
Isotype:	IgG
Purification:	Purified from cell culture supernatant by affinity chromatography

### Target Details

Target:	SIRPA
Alternative Name:	SIRPalpha ( <a href="#">SIRPA Products</a> )
Background:	The protein encoded by this gene is a member of the signal-regulatory-protein (SIRP) family, and also belongs to the immunoglobulin superfamily. SIRP family members are receptor-type transmembrane glycoproteins known to be involved in the negative regulation of receptor

## Target Details

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tyrosine kinase-coupled signaling processes. This protein can be phosphorylated by tyrosine kinases. The phospho-tyrosine residues of this PTP have been shown to recruit SH2 domain containing tyrosine phosphatases (PTP), and serve as substrates of PTPs. This protein was found to participate in signal transduction mediated by various growth factor receptors. CD47 has been demonstrated to be a ligand for this receptor protein. This gene and its product share very high similarity with several other members of the SIRP family. These related genes are located in close proximity to each other on chromosome 20p13. Multiple alternatively spliced transcript variants have been determined for this gene.

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Molecular Weight: 55 kDa

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Gene ID: 140885

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UniProt: [P78324](#)

## Application Details

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Application Notes: Flow Cyt 1/100, IP 1/30

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

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Buffer: 50 % Glycerol, PBS, pH 7.4, 0.1 % BSA, 0.1 % Procline 300

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Preservative: ProClin

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Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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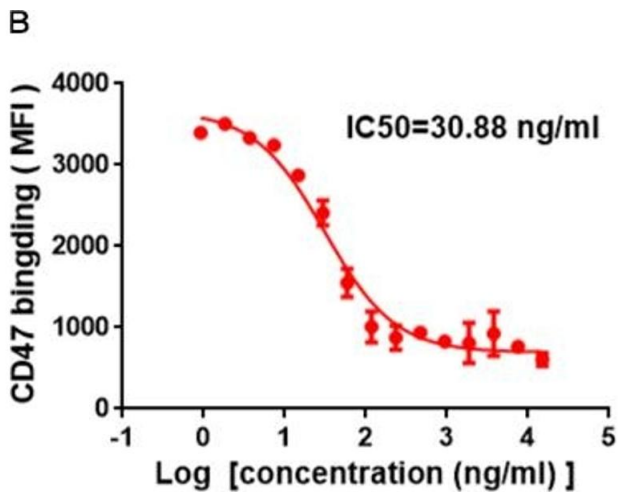
Storage: -20 °C,-80 °C

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Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

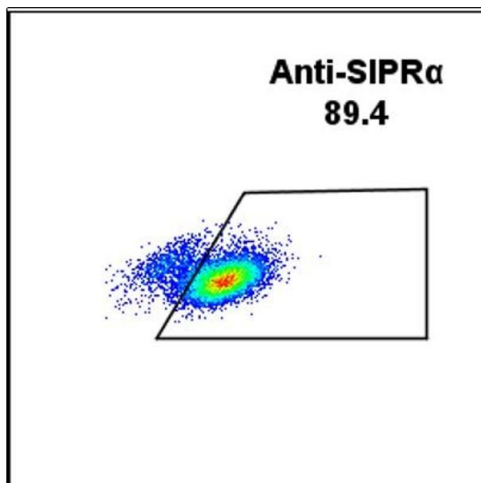
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Expiry Date: 12 months



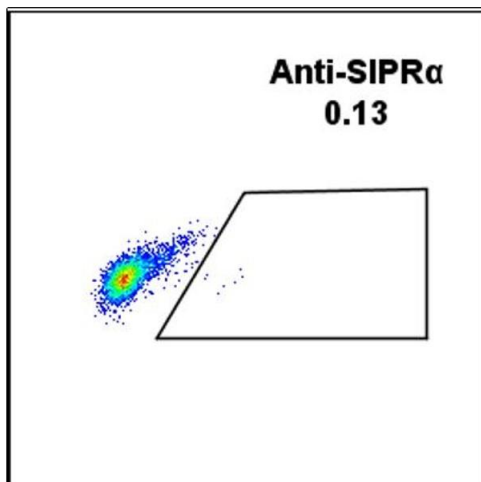
#### Flow Cytometry

**Image 1.** B) Competition assay demonstrating DM8 blockade of CD47 binding to THP-1 cells. IC<sub>50</sub>=30.88 ng/mL.



#### Flow Cytometry

**Image 2.** THP-1 cell line were surface stained with Rabbit anti-SIPRα monoclonal antibody 1 µg/mL (clone: DM8) followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.



#### Flow Cytometry

**Image 3.** THP-1 cell line were surface stained with Rabbit IgG isotype control antibody followed by Alexa 488-conjugated anti-rabbit IgG secondary antibody.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6961045.