

# Product Datasheet

## SIRP alpha/CD172a Antibody (JE36-20) NBP3-32950

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-32950**

SIRP alpha/CD172a Antibody (JE36-20)

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE36-20
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	55 kDa
Product Description	
Host	Rabbit
Gene ID	140885
Gene Symbol	SIRPA
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human SIRP alpha/CD172a aa 395-504 / 504. (Uniprot: P78324)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000



## Images

**Western Blot: SIRP alpha/CD172a Antibody (JE36-20) [NBP3-32950]** - Western blot analysis of SIRP alpha/CD172a on different lysates with Rabbit anti-SIRP alpha/CD172a antibody (NBP3-32950) at 1/500 dilution.

Lane 1: THP-1 cell lysate (10 ug/Lane)

Lane 2: HL-60 cell lysate (10 ug/Lane)

Lane 3: Mouse brain tissue lysate (20 ug/Lane)

Predicted band size: 55 kDa

Observed band size: 75-100 kDa

Exposure time: 2 minutes;

8% SDS-PAGE gel.

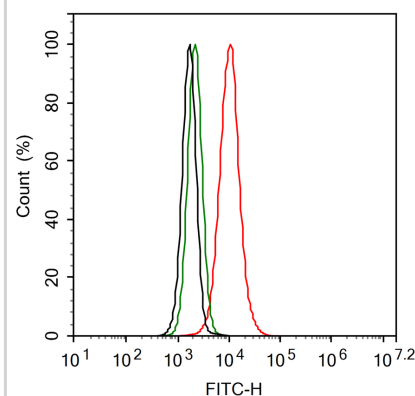
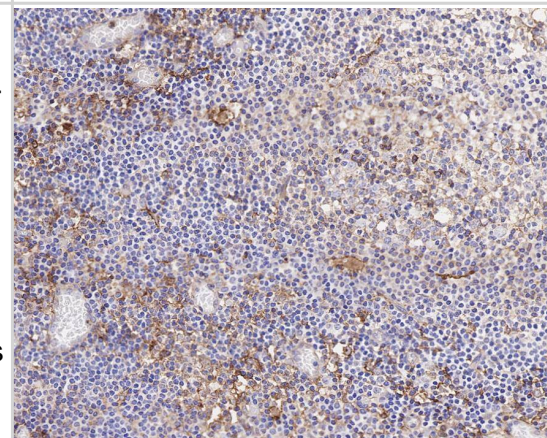
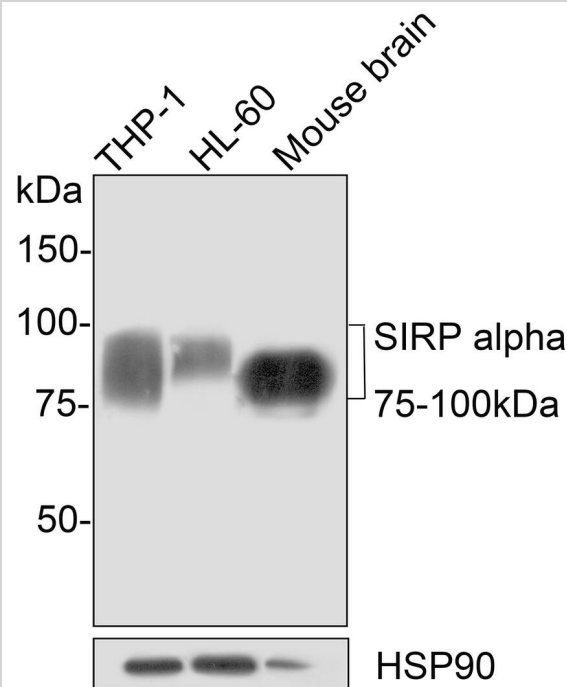
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32950) at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.

**Immunohistochemistry: SIRP alpha/CD172a Antibody (JE36-20) [NBP3-32950]** - Immunohistochemical analysis of paraffin-embedded human lymph node tissue with Rabbit anti-SIRP alpha/CD172a antibody (NBP3-32950) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-32950) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.

**Flow Cytometry: SIRP alpha/CD172a Antibody (JE36-20) [NBP3-32950]** - Flow cytometric analysis of THP-1 cells labeling SIRP alpha/CD172a.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32950, 1ug/ml) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4°C for an hour, the cells were stained with a Alexa Fluor® 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4°C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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### **Products Related to NBP3-32950**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-56723PEP	SIRP alpha/CD172a Recombinant Protein Antigen

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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