

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	
Description	Novus Biologicals Rabbit SIRP alpha/CD172a Antibody (JE36-20) (NBP3-32950) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
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.

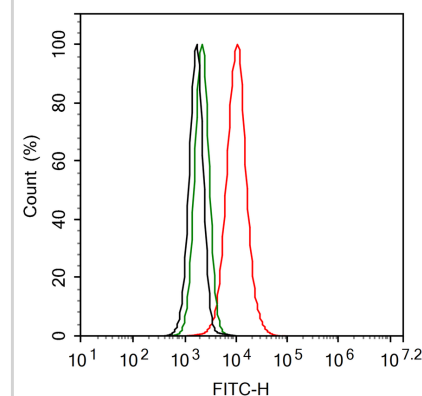
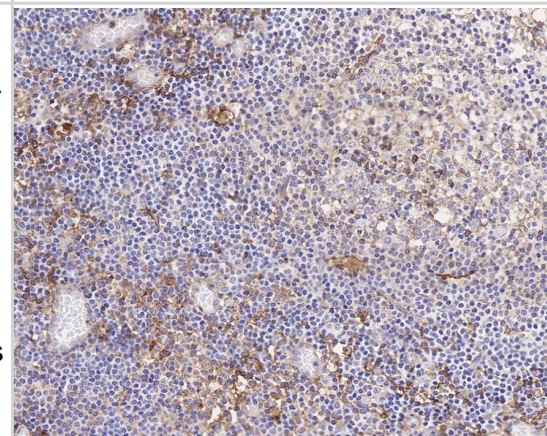
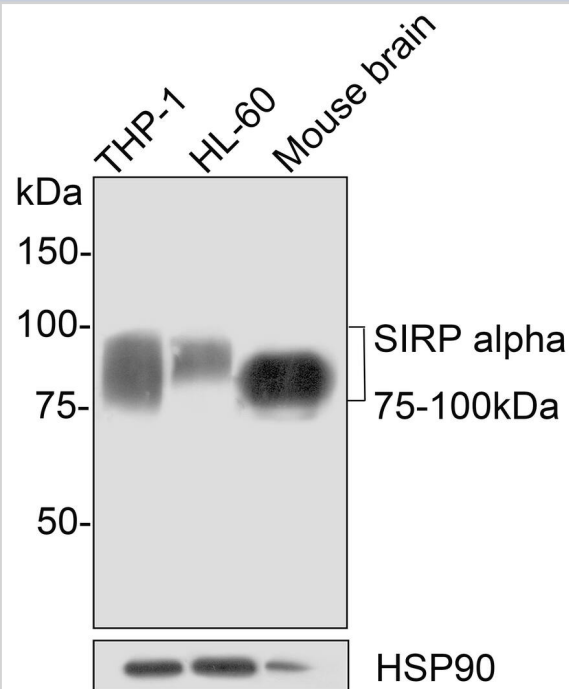
Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32950) at 1/500 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour 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 ddH₂O 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

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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