Product Datasheet

F-Spondin/SPON1 Antibody (PSH02-84)
NBP3-32352

Unit Size: 100 ul

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

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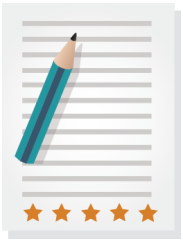


NBP3-32352

F-Spondin/SPON1 Antibody (PSH02-84)

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	PSH02-84
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	91 kDa

Product Description	
Host	Rabbit
Gene ID	10418
Gene Symbol	SPON1
Species	Human
Immunogen	Synthetic peptide within human Spondin-1 201-250 / 807. (Uniprot: Q9HCB6)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot 1:1000, Flow Cytometry 1:1000, Immunocytochemistry/ Immunofluorescence 1:100-1:500

Images

Western Blot: F-Spondin/SPON1 Antibody (PSH02-84) [NBP3-32352] - Western blot analysis of F-Spondin/SPON1 on different lysates with Rabbit anti-F-Spondin/SPON1 antibody (NBP3-32352) at 1/1,000 dilution.

Lane 1: SW1990 cell lysate
Lane 2: PANC-1 cell lysate
Lane 3: U-2 OS cell lysate
Lane 4: HepG2 cell lysate

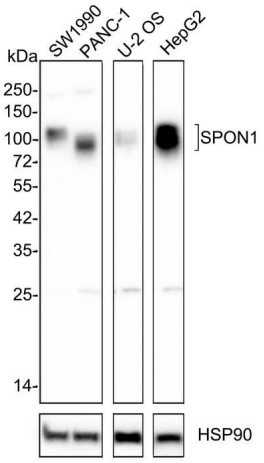
Lysates/proteins at 20 ug/Lane.

Predicted band size: 91 kDa
Observed band size: 91120 kDa

Exposure time: 1 minutes 17 seconds;

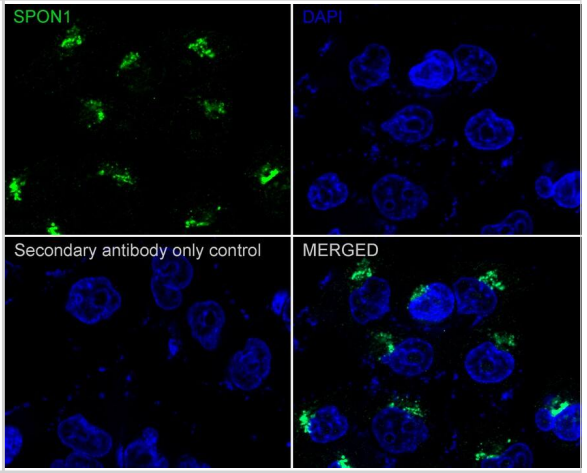
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32352) at 1/1,000 dilution was used in 5% NFDM/TBST at 4C overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.



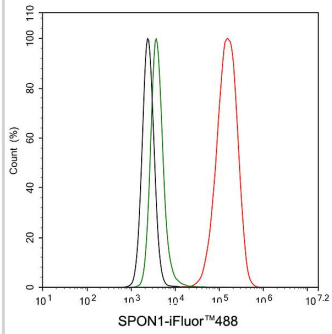
Immunocytochemistry/ Immunofluorescence: F-Spondin/SPON1 Antibody (PSH02-84) [NBP3-32352] - Immunocytochemistry analysis of PANC-1 cells labeling F-Spondin/SPON1 with Rabbit anti-F-Spondin/SPON1 antibody (NBP3-32352) at 1/500 dilution.

Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-F-Spondin/SPON1 antibody (NBP3-32352) at 1/500 dilution in 1% BSA in PBST overnight at 4 □. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.



Flow Cytometry: F-Spondin/SPON1 Antibody (PSH02-84) [NBP3-32352] - Flow cytometric analysis of PANC-1 cells labeling F-Spondin/SPON1.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32352, 1/1,000) (red) compared with Mouse IgG Isotype Control (green). After incubation of the primary antibody at +4□ for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Mouse IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4□. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).



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Limitations
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