

Product Datasheet

Plexin B2 Antibody (PSH03-48) NBP3-32828

Unit Size: 100 ul

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

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NBP3-32828

Plexin B2 Antibody (PSH03-48)

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	PSH03-48
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	205 kDa

Product Description	
Description	Novus Biologicals Rabbit Plexin B2 Antibody (PSH03-48) (NBP3-32828) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	23654
Gene Symbol	PLXNB2
Species	Human
Immunogen	Recombinant protein within human Plexin B2 aa 1-1,250 / 1,838. (Uniprot: O15031)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:2000



Images

Western Blot: Plexin B2 Antibody (PSH03-48) [NBP3-32828] - Western blot analysis of Plexin B2 on different lysates with Rabbit anti-Plexin B2 antibody (NBP3-32828) at 1/2,000 dilution.

Lane 1: LNCaP cell lysate
 Lane 2: 293T cell lysate
 Lane 3: HeLa cell lysate
 Lane 4: U-87 MG cell lysate
 Lane 5: HepG2 cell lysate
 Lane 6: K-562 cell lysate
 Lane 7: Jurkat cell lysate
 Lane 8: MCF7 cell lysate

Lysates/proteins at 20 ug/Lane.

Predicted band size: 205 kDa
 Observed band size: 170/240 kDa

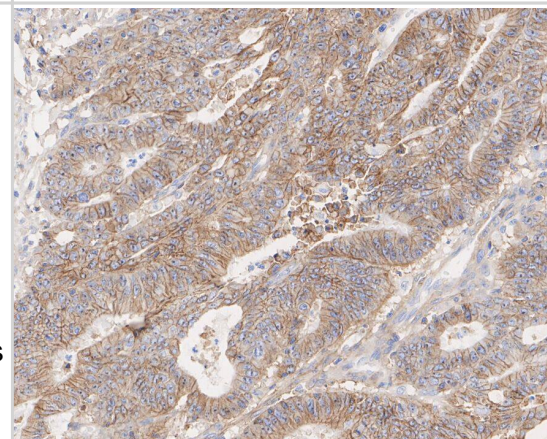
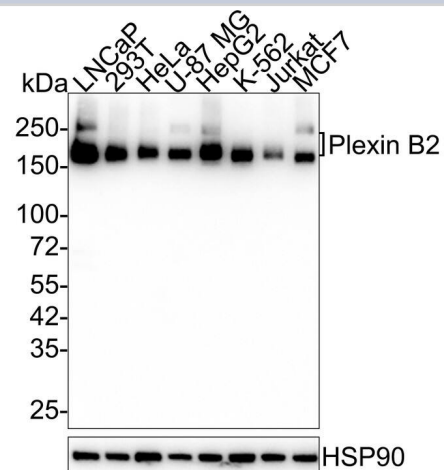
Exposure time: 43 seconds;

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 (NBP3-32828) at 1/2,000 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.

Immunohistochemistry: Plexin B2 Antibody (PSH03-48) [NBP3-32828] - Immunohistochemical analysis of paraffin-embedded human colon cancer tissue with Rabbit anti-Plexin B2 antibody (NBP3-32828) at 1/2,000 dilution.

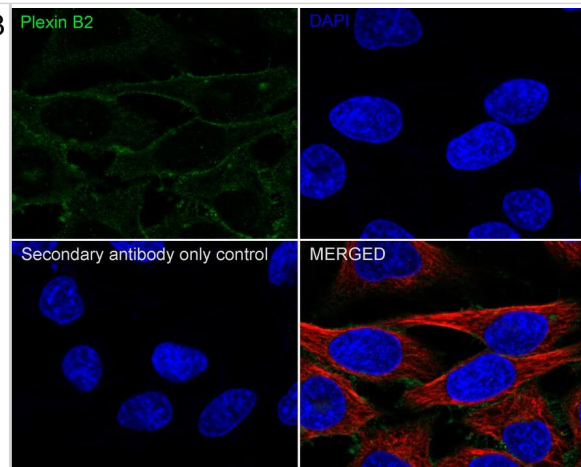
The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32828) at 1/2,000 dilution for 1 hour at room 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.



Immunocytochemistry/ Immunofluorescence: Plexin B2 Antibody (PSH03-48) [NBP3-32828] - Immunocytochemistry analysis of HeLa cells labeling Plexin B2 with Rabbit anti-Plexin B2 antibody (NBP3-32828) at 1/100 dilution.

Cells were fixed in 100% precooled methanol 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-Plexin B2 antibody (NBP3-32828) at 1/100 dilution in 1% BSA in PBST overnight at 4 °C. 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.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.





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Products Related to NBP3-32828

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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