

Product Datasheet

ROBO1 Antibody (10E2-R) NBP3-32913

Unit Size: 100 ul

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

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NBP3-32913

ROBO1 Antibody (10E2-R)

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	10E2-R
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	181 kDa

Product Description	
Host	Mouse
Gene ID	6091
Gene Symbol	ROBO1
Species	Human, Mouse, Rat
Immunogen	Recombinant protein within Human ROBO1 aa 51-300 / 1,651. (Uniprot: Q9Y6N7)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:200-1:600



Images

Western Blot: ROBO1 Antibody (10E2-R) [NBP3-32913] - Western blot analysis of ROBO1 on different lysates with Mouse anti-ROBO1 antibody (NBP3-32913) at 1/1,000 dilution.

Lane 1: MCF-7 cell lysate (10 ug/Lane)
 Lane 2: NIH/3T3 cell lysate (10 ug/Lane)
 Lane 3: Rat brain tissue lysate (20 ug/Lane)
 Lane 4: PC-12 cell lysate (10 ug/Lane)
 Lane 5: RAW264.7 cell lysate (10 ug/Lane)

Predicted band size: 181 kDa
 Observed band size: 181 kDa

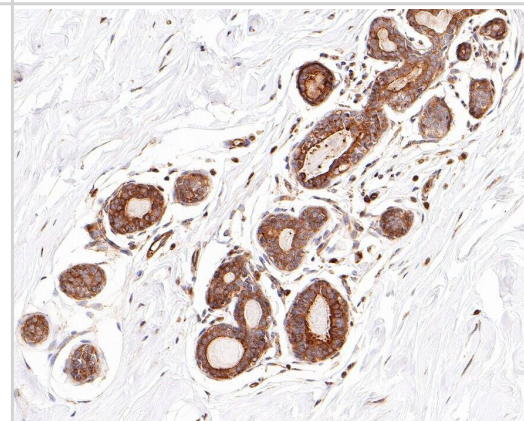
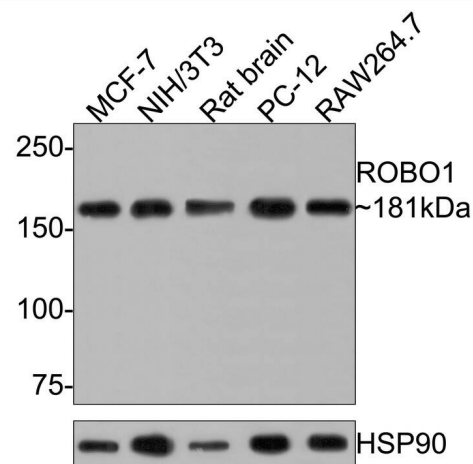
Exposure time: 30 seconds;

6% 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 (NBP3-32913) at 1/1,000 dilution was used in 5% NFDM/TBST at room temperature for 2 hours. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: ROBO1 Antibody (10E2-R) [NBP3-32913] - Immunohistochemical analysis of paraffin-embedded human breast tissue with Rabbit anti-ROBO1 antibody (NBP3-32913) at 1/600 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 (NBP3-32913) at 1/600 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.





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Products Related to NBP3-32913

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-55652PEP	ROBO1 Recombinant Protein Antigen

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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