

Product Datasheet

Claudin-1 Antibody (PS01-43) NBP3-32189

Unit Size: 100 ul

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

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NBP3-32189

Claudin-1 Antibody (PS01-43)

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	PS01-43
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	23 kDa

Product Description	
Description	Novus Biologicals Rabbit Claudin-1 Antibody (PS01-43) (NBP3-32189) 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	9076
Gene Symbol	CLDN1
Species	Human
Immunogen	Recombinant full length protein within human Claudin-1. (Uniprot: O95832)

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



Images

Western Blot: Claudin-1 Antibody (PS01-43) [NBP3-32189] - Western blot analysis of Claudin-1 on different lysates with Rabbit anti-Claudin-1 antibody (NBP3-32189) at 1/1,000 dilution.

Lane 1: A431 cell lysate, 10 ug/Lane
Lane 2: HepG2 cell lysate, 10 ug/Lane

Predicted band size: 23 kDa
Observed band size: 23 kDa

Exposure time: 2 minutes;

15% 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 (NBP3-32189) at 1/1,000 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.

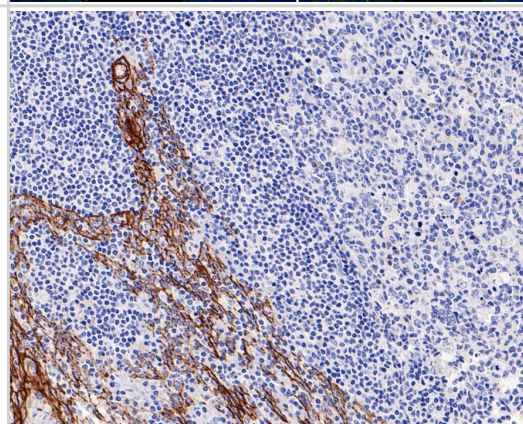
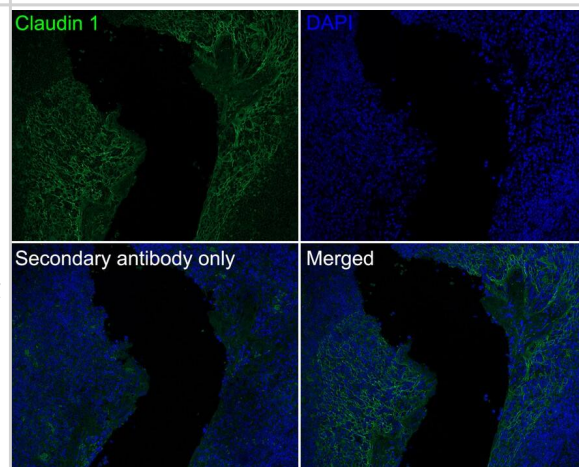
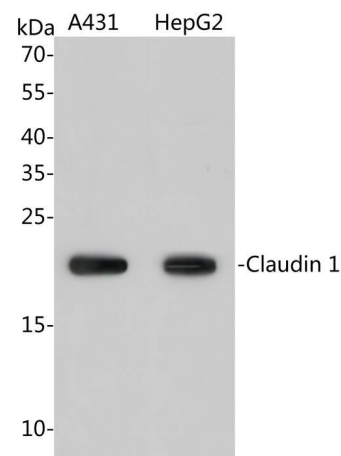
Immunohistochemistry: Claudin-1 Antibody (PS01-43) [NBP3-32189] - Immunofluorescence analysis of paraffin-embedded human tonsil tissue labeling Claudin-1 with Rabbit anti-Claudin-1 antibody (NBP3-32189) at 1/200 dilution.

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 10% negative goat serum for 1 hour at room temperature, washed with PBS, and then probed with the primary antibody (NBP3-32189, green) at 1/200 dilution overnight at 4 °C, washed with PBS.

Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. Nuclei were counterstained with DAPI (blue).

Immunohistochemistry: Claudin-1 Antibody (PS01-43) [NBP3-32189] - Immunohistochemical analysis of paraffin-embedded human tonsil tissue with Mouse anti-Claudin-1 antibody (NBP3-32189) 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 (NBP3-32189) 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.





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Products Related to NBP3-32189

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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