

Product Datasheet

LAMP-2/CD107b Antibody (D3-D8-D3-R) NBP3-32523

Unit Size: 100 ul

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

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NBP3-32523**LAMP-2/CD107b Antibody (D3-D8-D3-R)**

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	D3-D8-D3-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	45 kDa

Product Description	
Description	Novus Biologicals Mouse LAMP-2/CD107b Antibody (D3-D8-D3-R) (NBP3-32523) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3920
Gene Symbol	LAMP2
Species	Human
Immunogen	Recombinant protein corresponding to N terminal Human LAMP-2/CD107b. (Uniprot: P13473)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:5000

Images

Western Blot: LAMP-2/CD107b Antibody (D3-D8-D3-R) [NBP3-32523] - Western blot analysis of LAMP-2/CD107b on different lysates with Mouse anti-LAMP-2/CD107b antibody (NBP3-32523) at 1/1,000 dilution.

Lane 1: HeLa cell lysate
 Lane 2: Jurkat cell lysate
 Lane 3: HepG2 cell lysate
 Lane 4: HUVEC cell lysate
 Lane 5: JAR cell lysate
 Lane 6: HEK-293 cell lysate
 Lane 7: THP-1 cell lysate

Lysates/proteins at 20 ug/Lane.

Predicted band size: 45 kDa
 Observed band size: 110 kDa

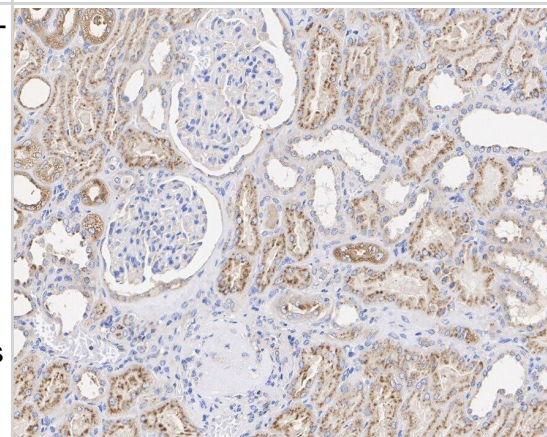
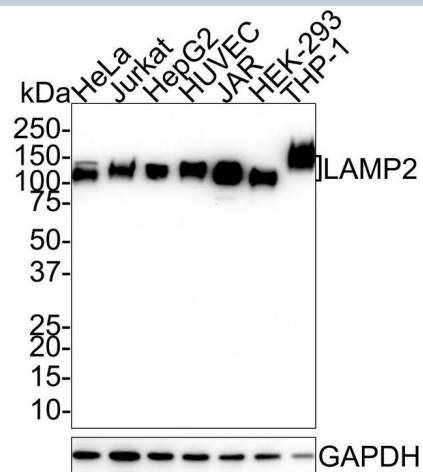
Exposure time: 3 minute;

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 (NBP3-32523) at 1/1,000 dilution was used in 5% NFDm/TBST at 4 overnight. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: LAMP-2/CD107b Antibody (D3-D8-D3-R) [NBP3-32523] - Immunohistochemical analysis of paraffin-embedded human kidney tissue with Mouse anti-LAMP-2/CD107b antibody (NBP3-32523) at 1/5,000 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 (NBP3-32523) at 1/5,000 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 NBP3-32523

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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