

Product Datasheet

LAMP-1/CD107a Antibody (CL4490) - BSA Free NBP2-59054

Unit Size: 100 ul

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

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Updated 9/9/2025 v.20.1

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NBP2-59054

LAMP-1/CD107a Antibody (CL4490) - BSA Free

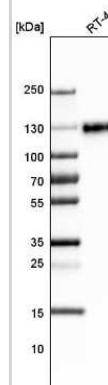
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL4490
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Mouse LAMP-1/CD107a Antibody (CL4490) - BSA Free (NBP2-59054) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	3916
Gene Symbol	LAMP1
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from P11279, with the exact immunogen sequence remaining proprietary.

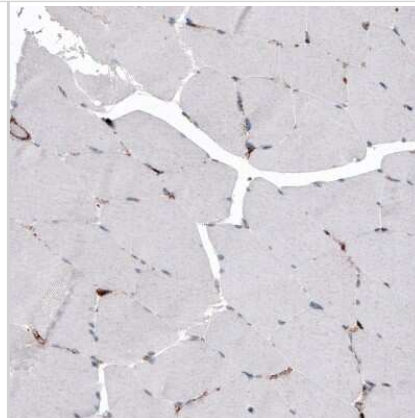
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

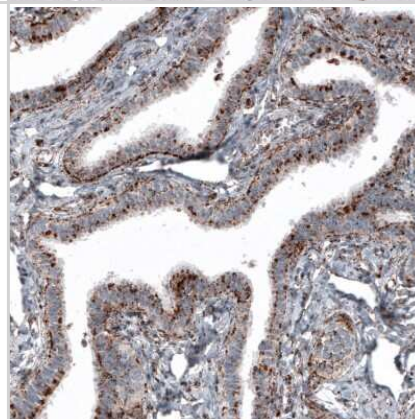
Western Blot: LAMP-1/CD107a Antibody (CL4490) [NBP2-59054] - Analysis in human cell line RT-4.



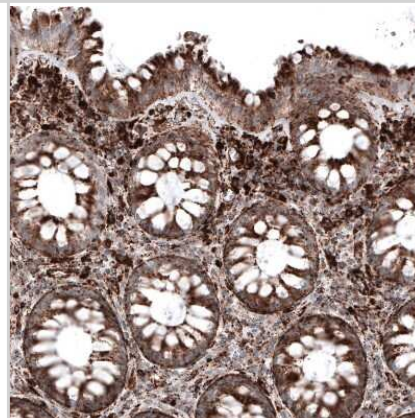
Immunohistochemistry-Paraffin: LAMP-1/CD107a Antibody (CL4490) [NBP2-59054] - Staining of human skeletal muscle shows only weak cytoplasmic positivity in muscle fibers.



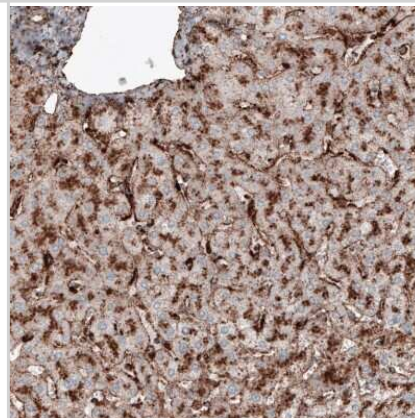
Immunohistochemistry-Paraffin: LAMP-1/CD107a Antibody (CL4490) [NBP2-59054] - Staining of human fallopian tube shows granular cytoplasmic immunoreactivity in glandular and connective tissue cells.



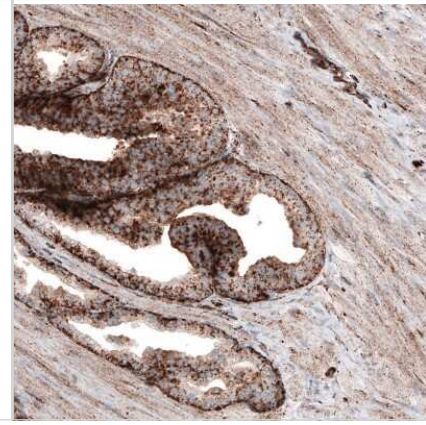
Immunohistochemistry-Paraffin: LAMP-1/CD107a Antibody (CL4490) [NBP2-59054] - Staining of human rectum shows strong granular cytoplasmic positivity in glandular and connective tissue cells.



Immunohistochemistry-Paraffin: LAMP-1/CD107a Antibody (CL4490) [NBP2-59054] - Staining of human liver shows granular cytoplasmic immunoreactivity in hepatocytes.



Immunohistochemistry-Paraffin: LAMP-1/CD107a Antibody (CL4490) [NBP2-59054] - Staining of human prostate shows strong granular cytoplasmic positivity in glandular cells and weaker staining in smooth muscle.





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Products Related to NBP2-59054

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
NBP2-59780PEP	LAMP-1/CD107a 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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