

Product Datasheet

LAMP-1/CD107a Antibody (GT25212) - Azide and BSA Free NBP3-13609

Unit Size: 100 ul

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

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NBP3-13609

LAMP-1/CD107a Antibody (GT25212) - Azide and 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	GT25212
Preservative	No Preservative
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS
Target Molecular Weight	45 kDa

Product Description

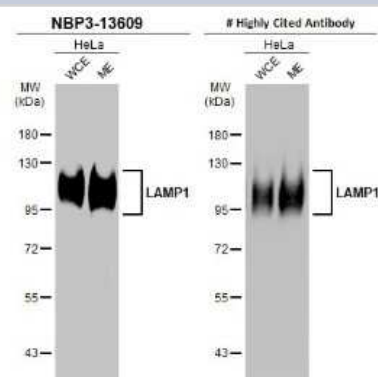
Description	Centrifuge briefly prior to opening.
Host	Mouse
Gene ID	3916
Gene Symbol	LAMP1
Species	Human
Immunogen	Recombinant protein encompassing a sequence within the center region of human LAMP-1/CD107a. The exact sequence is proprietary.

Product Application Details

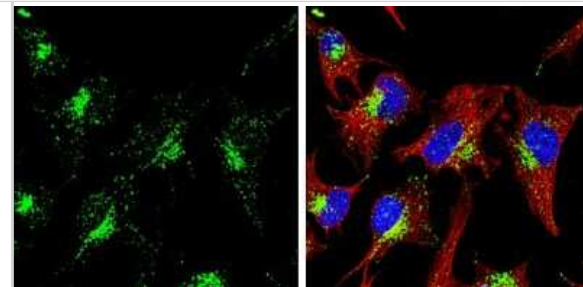
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000, Immunohistochemistry-Frozen Assay dependent

Images

Western Blot: LAMP-1/CD107a Antibody (GT25212) [NBP3-13609] - HeLa whole cell and membrane extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membranes were blotted with LAMP-1/CD107a antibody [GT25212] (NBP3-13609) diluted at 1:1000 and competitor's antibody diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (NBP2-19382) was used to detect the primary antibody. (WCE: whole cell extract; ME: membrane extract)



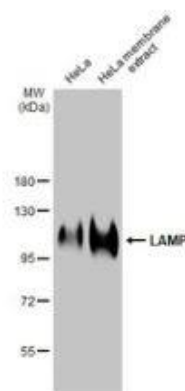
Immunocytochemistry/Immunofluorescence: LAMP-1/CD107a Antibody (GT25212) [NBP3-13609] - LAMP-1/CD107a antibody [GT25212] detects LAMP-1/CD107a protein at lysosome by immunofluorescent analysis. Sample: HeLa cells were fixed in ice-cold MeOH for 5 min. Green: LAMP-1/CD107a stained by LAMP-1/CD107a antibody [GT25212] (NBP3-13609) diluted at 1:2000. Red: alpha Tubulin 4a, a cytoskeleton marker, stained by alpha Tubulin 4a antibody (NBP2-21604) diluted at 1:500. Blue: Hoechst 33342 staining.



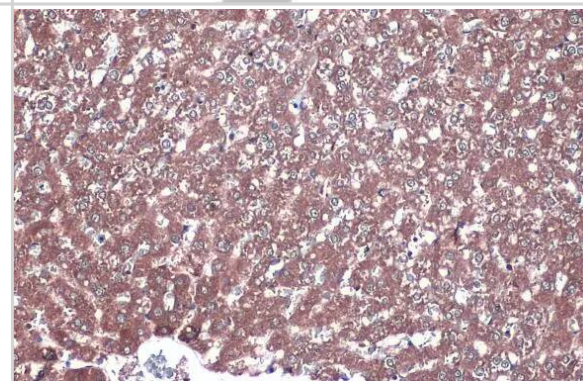
Western Blot: LAMP-1/CD107a Antibody (GT25212) [NBP3-13609] - Wild-type (WT) and LAMP-1/CD107a knockout (KO) HeLa cell extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with LAMP-1/CD107a antibody [GT25212] (NBP3-13609) diluted at 1:10000. The HRP-conjugated anti-mouse IgG antibody (NBP2-19382) was used to detect the primary antibody.



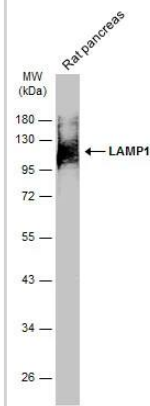
Western Blot: LAMP-1/CD107a Antibody (GT25212) [NBP3-13609] - HeLa whole cell and membrane extracts (30 ug) were separated by 7.5% SDS-PAGE, and the membrane was blotted with LAMP1 antibody [25212] diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (NBP2-19382) was used to detect the primary antibody.



Immunohistochemistry-Paraffin: LAMP-1/CD107a Antibody (GT25212) [NBP3-13609] - LAMP-1/CD107a antibody [GT25212] detects LAMP-1/CD107a protein at cytoplasm by immunohistochemical analysis. Sample: Paraffin-embedded rat liver. LAMP-1/CD107a stained by LAMP-1/CD107a antibody [GT25212] (NBP3-13609) diluted at 1:1000. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Western Blot: LAMP-1/CD107a Antibody (GT25212) [NBP3-13609] - Rat tissue extract (50 ug) was separated by 10% SDS-PAGE, and the membrane was blotted with LAMP-1/CD107a antibody [GT25212] (NBP3-13609) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.





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Products Related to NBP3-13609

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP1-86557PEP	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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