

Product Datasheet

LAMP-1/CD107a Antibody - BSA Free NB600-956

Unit Size: 0.1 ml

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

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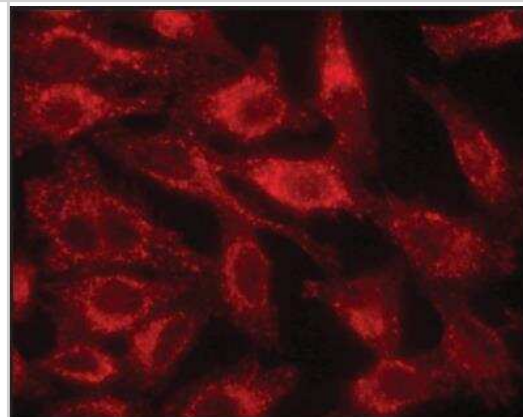


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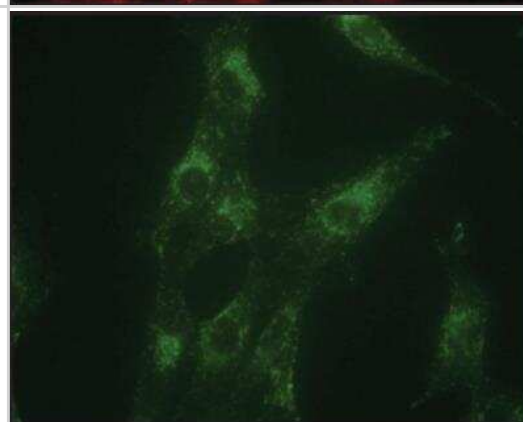
Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.9% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	10mM PBS (pH 7.4)
Target Molecular Weight	120 kDa
Product Description	
Host	Rabbit
Gene ID	3916
Gene Symbol	LAMP1
Species	Human, Mouse, Rat
Reactivity Notes	The antigen sequence is identical in rat and mouse. Rabbit reactivity reported by customer review.
Marker	Late Endosome Marker
Immunogen	This antibody was generated with a synthetic peptide corresponding to amino acid residues 405-416 of human LAMP1 with N-terminal added cysteine-glycine, conjugated to KLH.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Western Blot, Immunocytochemistry/ Immunofluorescence 5-10 ug/ml
Application Notes	Useful for indirect IF using human HeLa, rat NRK, and mouse NIH3T3 cells.

Images

Immunocytochemistry/Immunofluorescence: LAMP-1/CD107a Antibody - BSA Free [NB600-956] - Human HeLa cells were fixed and permeabilized with 4% paraformaldehyde followed by 0.4% Saponin. Fixed cells were stained with 5 ug/mL Anti-LAMP1 and developed with Goat Anti-Rabbit IgG, Cy3 conjugate.



Immunocytochemistry/Immunofluorescence: LAMP-1/CD107a Antibody - BSA Free [NB600-956] - Rat NRK cells were fixed and permeabilized with 4% paraformaldehyde followed by 0.4% Saponin. Fixed cells were stained with 10 ug/mL Anti-LAMP1 and developed with Goat Anti-Rabbit IgG, FITC conjugate.



Publications

Conzemius R, Ganjian H, Blaas D, Fuchs R. ICAM-1 Binding Rhinoviruses A89 and B14 Uncoat in Different Endosomal Compartments. *J. Virol.* 2016-06-22 [PMID: 27334586]

Chong A, Wehrly TD, Child R et al. Cytosolic clearance of replication-deficient mutants reveals *Francisella tularensis* interactions with the autophagic pathway. *Autophagy* 2012-09-01 [PMID: 22863802]

Case ED, Chong A, Wehrly TD et al. The *Francisella* O-antigen mediates survival in the macrophage cytosol via autophagy avoidance. *Cell Microbiol* 2013-11-29 [PMID: 24286610] (ICC/IF, Mouse)

Edwards JA, Rockx-Brouwer D, Nair V, Celli J. Restricted cytosolic growth of *Francisella tularensis* subsp. *tularensis* by IFN-gamma activation of macrophages. *Microbiology* 2010-02-01 [PMID: 19926654]



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Products Related to NB600-956

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
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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