

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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technical@novusbio.com

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

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	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	10mM PBS (pH 7.4)
Target Molecular Weight	120 kDa

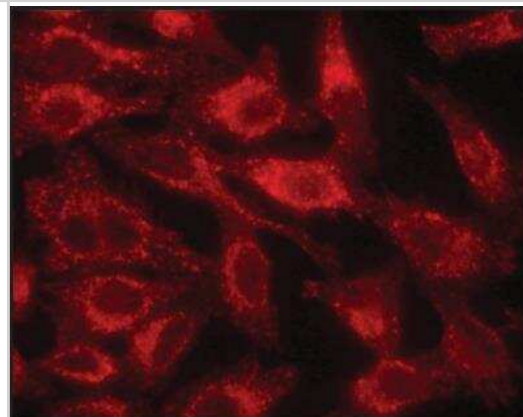
Product Description	
Description	Novus Biologicals Rabbit LAMP-1/CD107a Antibody - BSA Free (NB600-956) is a polyclonal antibody validated for use in WB and ICC/IF. Anti-LAMP-1/CD107a Antibody: Cited in 4 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene 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.

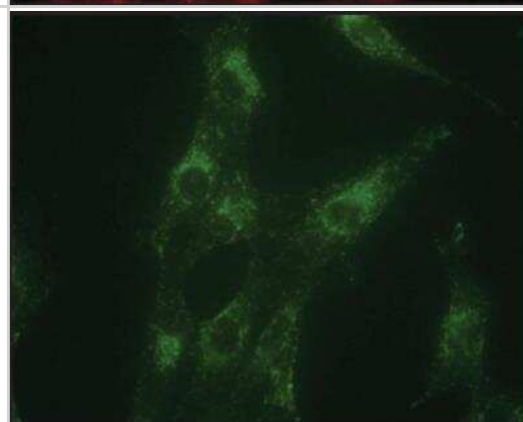


Images

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]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB600-956

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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