

Product Datasheet

LAMP-2/CD107b Antibody (H4B4) [Alexa Fluor® 647] NBP2-22217AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

www.novusbio.com



technical@novusbio.com

Reviews: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-22217AF647

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-22217AF647



NBP2-22217AF647

LAMP-2/CD107b Antibody (H4B4) [Alexa Fluor® 647]

Product Information	
Unit Size	0.1 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark.
Clonality	Monoclonal
Clone	H4B4
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Conjugate	Alexa Fluor 647
Purity	Protein G purified
Buffer	50mM Sodium Borate
Target Molecular Weight	45 kDa

Product Description	
Host	Mouse
Gene ID	3920
Gene Symbol	LAMP2
Species	Human, Mouse, Chicken, Rat (Negative)
Reactivity Notes	Mouse reactivity reported in scientific literature (PMID: 27863209). Chicken reactivity reported in scientific literature (PMID: 30298003).
Marker	Late Endosome / Lysosome marker
Immunogen	LAMP-2/CD107b Antibody (H4B4) was made using a human adherent spleen cells.
Notes	Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com . This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.

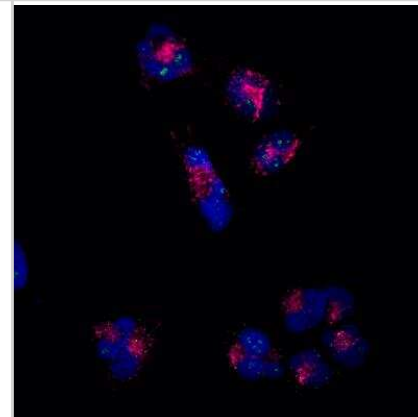
Product Application Details	
Applications	Western Blot, Simple Western, ELISA, Flow Cytometry, Immunoblotting, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, CyTOF-ready, Knockout Validated



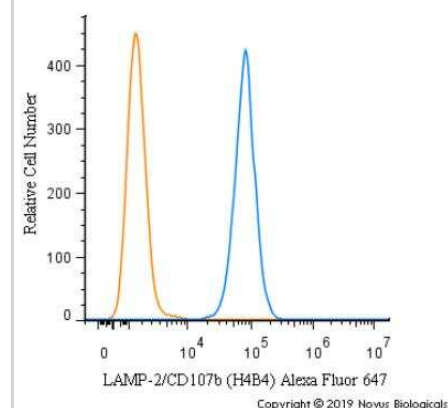
Recommended Dilutions	Western Blot, Simple Western, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen, Immunoblotting, CyTOF-ready, Knockout Validated
Application Notes	Optimal dilution of this antibody should be experimentally determined.

Images

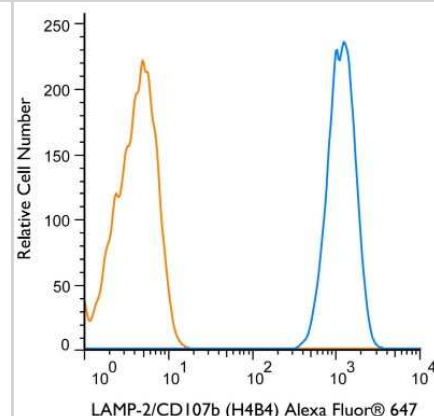
Immunocytochemistry/Immunofluorescence: LAMP-2/CD107b Antibody (H4B4) [Alexa Fluor® 647] [NBP2-22217AF647] - Staining in T98G glioblastoma cells stained with a conjugated LAMP2-AF647 antibody, counterstained with DAPI. Cathepsin D (green) staining also visible. Image from a verified customer review.



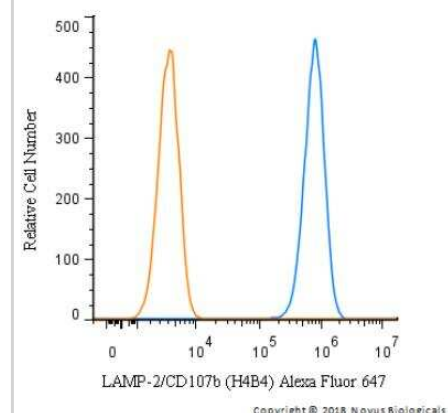
Flow Cytometry: LAMP-2/CD107b Antibody (H4B4) [Alexa Fluor® 647] [NBP2-22217AF647] - An intracellular stain was performed on Jurkat cells with LAMP-2/CD107b [H4B4] Antibody NBP2-22217AF647 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 647.



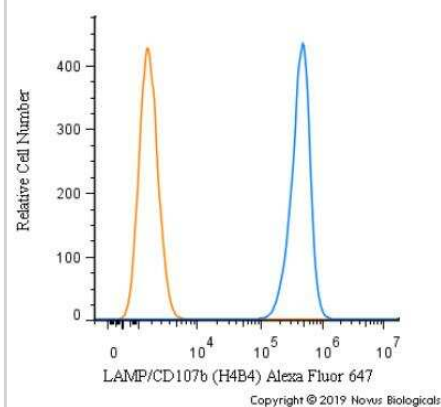
Flow Cytometry: LAMP-2/CD107b Antibody (H4B4) [Alexa Fluor® 647] [NBP2-22217AF647] - An intracellular stain was performed on HeLa cells with LAMP-2/CD107b (H4B4) NBP2-22217AF647 (blue) and a matched isotype control NBP2-27287AF647 (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 1 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 647.



Flow Cytometry: LAMP-2/CD107b Antibody (H4B4) [Alexa Fluor® 647] [NBP2-22217AF647] - An intracellular stain was performed on SK-MEL-28 cells with LAMP-2/CD107b (H4B4) NBP2-22217AF647 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 647.



Flow Cytometry: LAMP-2/CD107b Antibody (H4B4) [Alexa Fluor® 647] [NBP2-22217AF647] - An intracellular stain was performed on U937 cells with LAMP-2/CD107b [H4B4] Antibody NBP2-22217AF647 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 647.





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 NBP2-22217AF647

IC002R	Mouse IgG1 Isotype Control (11711) [Alexa Fluor® 647]
NBP2-22217AF700	LAMP-2/CD107b Antibody (H4B4) [Alexa Fluor® 700]
NBP2-50563-50ug	Recombinant Mouse LAMP-2/CD107b His Protein
137-PS-050	P-Selectin/CD62P

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-22217AF647

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

