

Product Datasheet

Cathepsin L/V/K/H Antibody (JM10-78) NBP2-67216

Unit Size: 100 ul

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

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NBP2-67216

Cathepsin L/V/K/H Antibody (JM10-78)

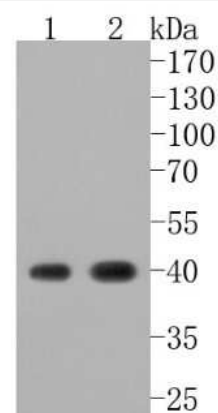
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JM10-78
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	TBS (pH7.4), 0.05% BSA, 40% Glycerol

Product Description	
Description	Novus Biologicals Rabbit Cathepsin L/V/K/H Antibody (JM10-78) (NBP2-67216) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. Anti-Cathepsin L/V/K/H Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	1514
Gene Symbol	CTSL
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human Cathepsin L/V/K/H aa 92-138 / 333. (SwissProt: P07711 Human; SwissProt: O60911 Human; SwissProt: P43235 Human; SwissProt: P09668 Human)

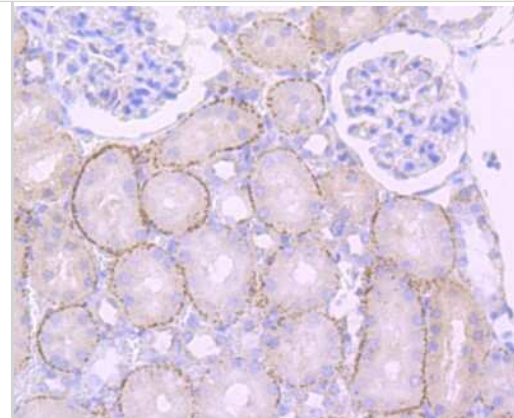
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:100, Immunohistochemistry-Paraffin 1:50-1:200

Images

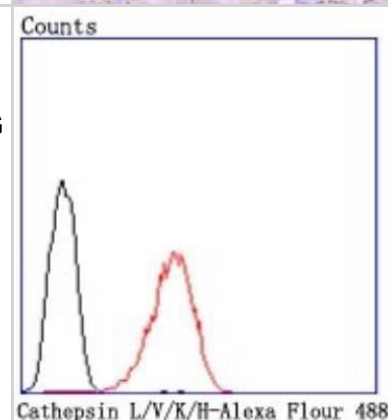
Western Blot: Cathepsin L/V/K/H Antibody (JM10-78) [NBP2-67216] - Western blot analysis of Cathepsin L/V/K/H on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: HepG2 cell lysate Lane 2: A549 cell lysate



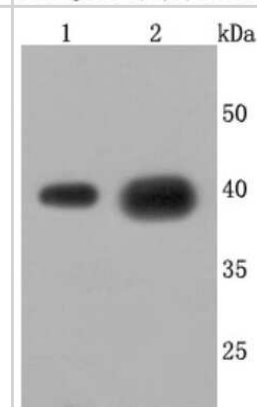
Immunohistochemistry-Paraffin: Cathepsin L/V/K/H Antibody (JM10-78) [NBP2-67216] - Analysis of paraffin-embedded rat kidney tissue using anti-Cathepsin L/V/K/H antibody. Counter stained with hematoxylin.



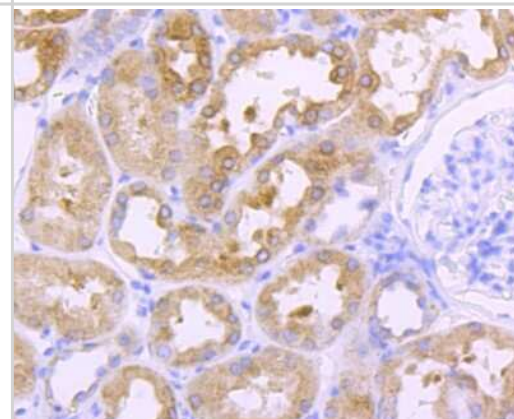
Flow Cytometry: Cathepsin L/V/K/H Antibody (JM10-78) [NBP2-67216] - Analysis of HepG2 cells with Cathepsin L/V/K/H antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



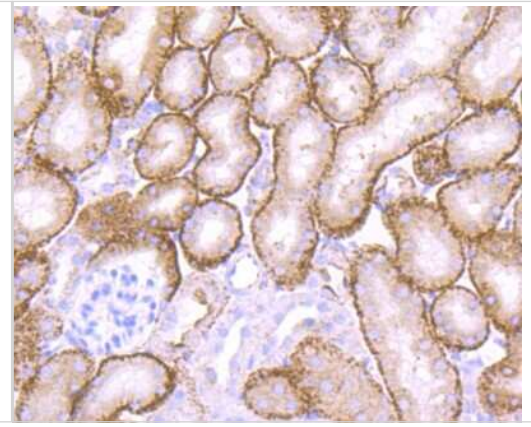
Western Blot: Cathepsin L/V/K/H Antibody (JM10-78) [NBP2-67216] - Analysis of Cathepsin L/V/K/H on different cells lysates using anti-Cathepsin L/V/K/H antibody at 1/1,000 dilution. Positive control: Lane 1: HepG2 Lane 2: A549



Immunohistochemistry-Paraffin: Cathepsin L/V/K/H Antibody (JM10-78) [NBP2-67216] - Analysis of paraffin-embedded human kidney tissue using anti-Cathepsin L/V/K/H antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Cathepsin L/V/K/H Antibody (JM10-78) [NBP2-67216] - Analysis of paraffin-embedded mouse kidney tissue using anti-Cathepsin L/V/K/H antibody. Counter stained with hematoxylin.



Publications

Xie YX, Naseri NN, Fels J et al. Lysosomal exocytosis releases pathogenic alpha-synuclein species from neurons in synucleinopathy models Nature communications 2022-08-22 [PMID: 35995799] (WB, Mouse)



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 NBP2-67216

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
MSCTC0	Cystatin C [HRP]

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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