

Product Datasheet

MSH3 Antibody - BSA Free

NBP2-19417

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NBP2-19417

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Product Information

Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.025% Proclin 300
Isotype	IgG
Purity	Antigen Affinity-purified
Buffer	PBS (pH 7), 20% Glycerol
Target Molecular Weight	127 kDa

Product Description

Host	Rabbit
Gene ID	4437
Gene Symbol	MSH3
Species	Human
Reactivity Notes	Immunogen displays the following percentage of sequence identity for non-tested species: Mouse (83%), Rat (85%).
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of human MSH3. The exact sequence is proprietary.

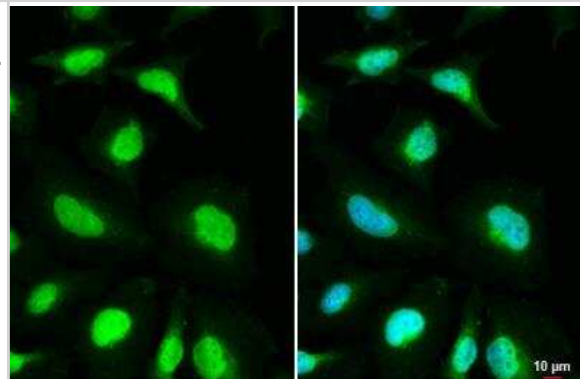
Product Application Details

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

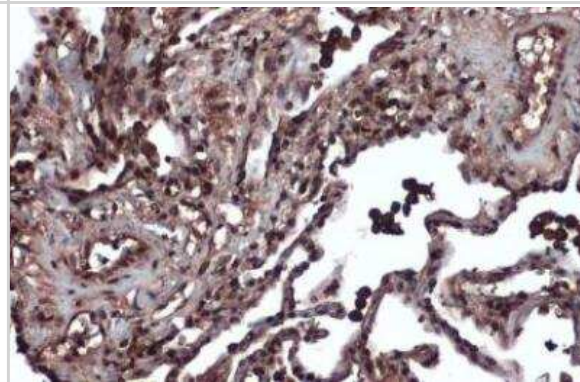


Images

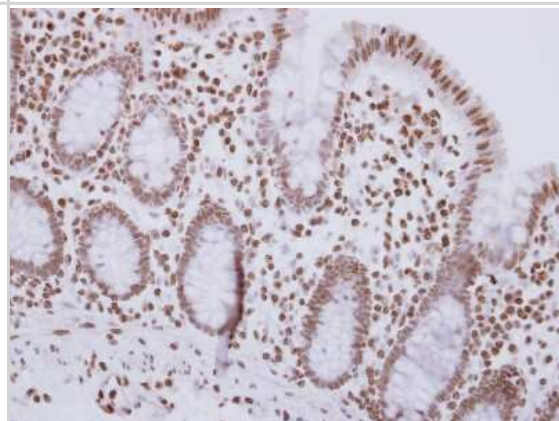
Immunocytochemistry/Immunofluorescence: MSH3 Antibody [NBP2-19417] - HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: MSH3 stained by MSH3 antibody [C2C3], C-term diluted at 1:500. Blue: Fluoroshield with DAPI. Scale bar= 10 μ m.



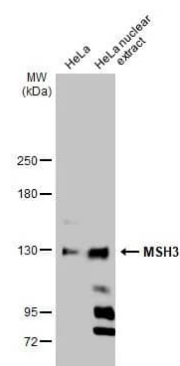
Immunohistochemistry-Paraffin: MSH3 Antibody [NBP2-19417] - Human lung cancer. MSH3 stained by MSH3 antibody [C2C3], C-term diluted at 1:600. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min.



Immunohistochemistry-Paraffin: MSH3 Antibody [NBP2-19417] - Human colon carcinoma, using MSH3 antibody at 1:500 dilution. Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min.



Western Blot: MSH3 Antibody [NBP2-19417] - HeLa whole cell and nuclear extracts (30 μ g) were separated by 5% SDS-PAGE, and the membrane was blotted with MSH3 antibody [C2C3], C-term (NBP2-19417) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



Publications

Joshua L Justice, Jason M Needham, Brandy Verhalen, Mengxi Jiang, Sunnie R Thompson BK Polyomavirus Requires the Mismatch Repair Pathway for DNA Damage Response Activation. Journal of virology 2022-04-29 [PMID: 35389233]

DAmaso E, GonzAlez-Acosta M, Vargas-Parra G et al. Comprehensive Constitutional Genetic and Epigenetic Characterization of Lynch-Like Individuals Cancers (Basel) 2020-07-05 [PMID: 32635641] (IF/IHC, Human)

Amaral-Silva GK, Sanchez-Romero C, Wagner VP et al. Prognostic Significance of hMSH2, hMSH3 and hMSH6 Expression in Ameloblastoma. Oral Surg Oral Med Oral Pathol Oral Radiol. 2017-06-07 [PMID: 28734697] (Human)





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 NBP2-19417

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-08115	MSH3 Overexpression Lysate

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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