

Product Datasheet

MSH3 Antibody (CL14064) - BSA Free NBP3-24588-100ul

Unit Size: 100 ul

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

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NBP3-24588-100ul

MSH3 Antibody (CL14064) - BSA Free

Product Information

Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL14064
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS, pH 7.2, 40% glycerol

Product Description

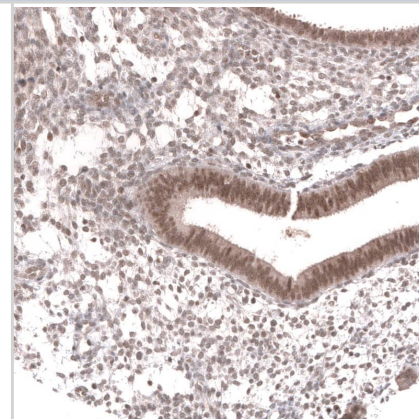
Host	Mouse
Gene ID	4437
Gene Symbol	MSH3
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from P20585, with the exact immunogen sequence remaining proprietary.

Product Application Details

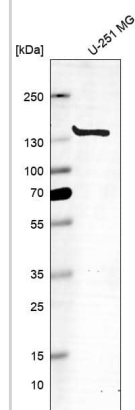
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500
Application Notes	For IHC-Paraffin, we recommend using Heat-Induced Epitope Retrieval (HIER) with a pH level of 6. This optimized retrieval method ensures the best results for your experiments, For ICC/IF, we recommend using a combination of PFA and Triton X-100. This will give you the optimal results for your experiments.

Images

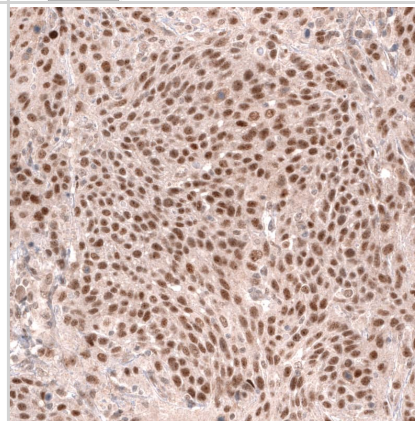
Staining of human endometrium shows moderate nuclear positivity in glandular and in stromal cells.



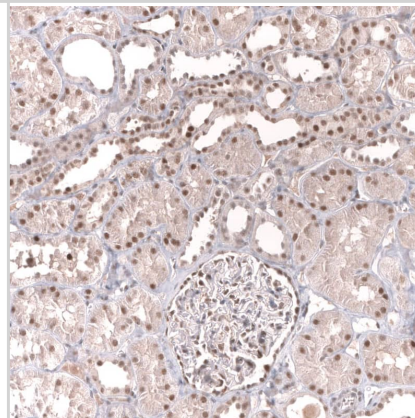
Western blot analysis in human cell line U-251 MG.



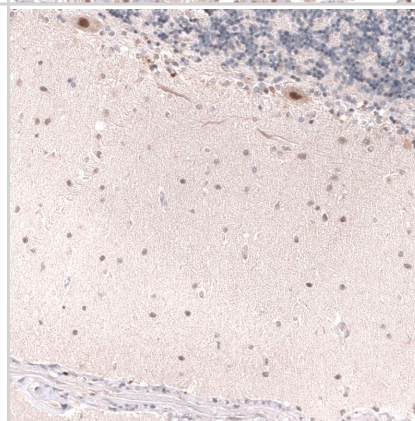
Staining of human cervical cancer shows strong nuclear positivity in tumor cells.



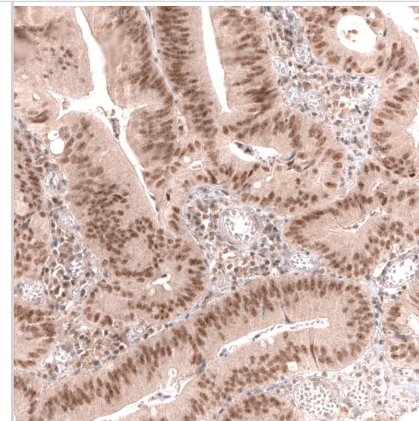
Staining of human kidney shows moderate nuclear positivity in cells in tubules and cells in glomeruli.



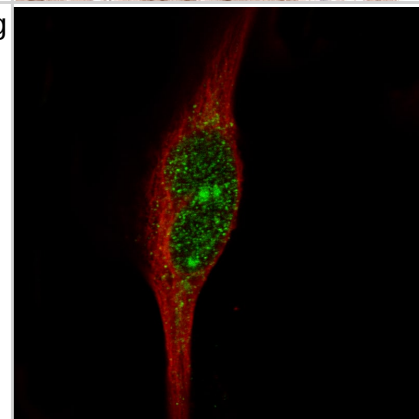
Staining of human cerebellum shows moderate nuclear positivity in Purkinje cells.



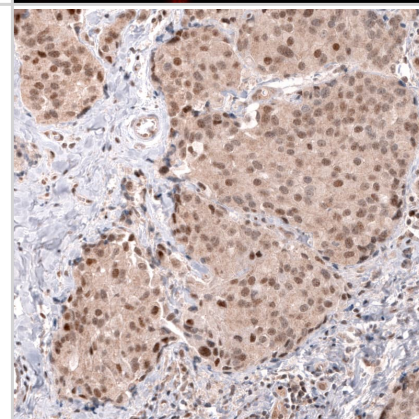
Staining of human colorectal cancer shows moderate to strong nuclear positivity in tumor cells.



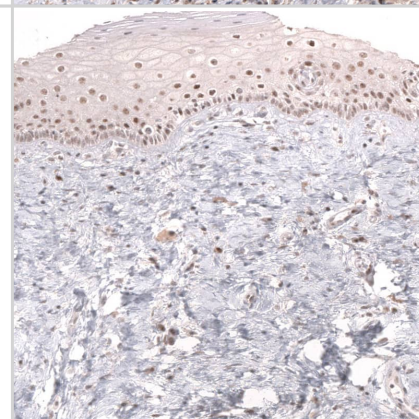
Staining in RH-30 cell line with Anti-MSH3 monoclonal antibody, showing specific staining of nucleoplasm and nucleus and nucleoli in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).



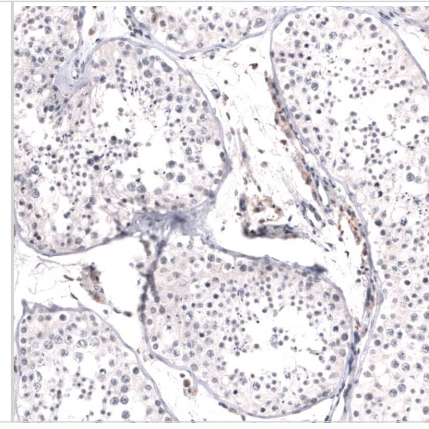
Staining of human breast cancer shows moderate to strong nuclear positivity in tumor cells.



Staining of human uterine cervix shows moderate nuclear positivity in squamous epithelial cells.



Staining of human testis shows no positivity in cells in seminiferous ducts.





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

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NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
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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