

Product Datasheet

MLH3 Antibody (CL14084)

NBP3-24596-100ul

Unit Size: 100 ul

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

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NBP3-24596-100ul

MLH3 Antibody (CL14084)

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	CL14084
Preservative	0.02% Sodium Azide
Isotype	IgG2b
Purity	Protein A purified
Buffer	PBS, pH 7.2, 40% glycerol

Product Description

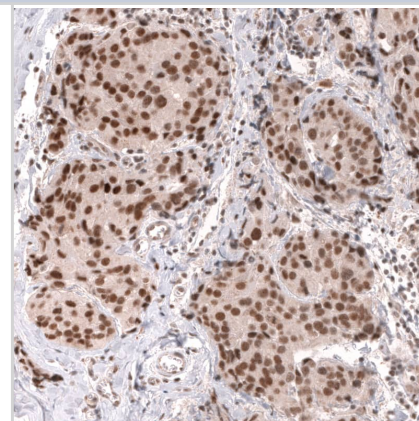
Host	Mouse
Gene ID	27030
Gene Symbol	MLH3
Species	Human
Immunogen	This antibody was developed using a synthetic peptide derived from Q9UHC1, with the exact immunogen sequence remaining proprietary.

Product Application Details

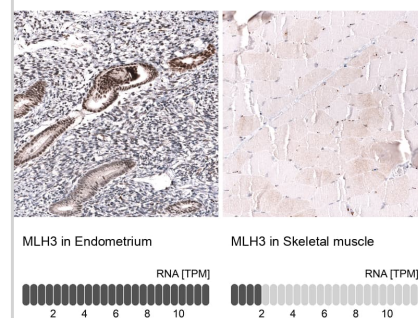
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1ug/ml, Immunohistochemistry 1:50 - 1:200, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:50 - 1:200
Application 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

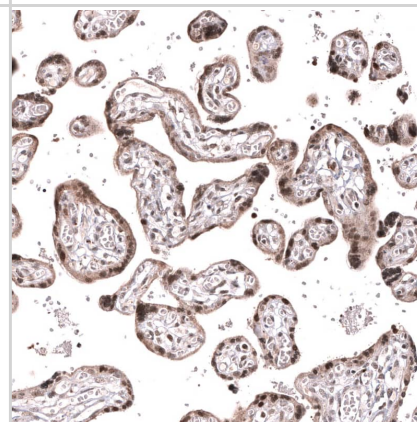
Staining of human breast cancer (ductal carcinoma) shows strong nuclear positivity in tumor cells.



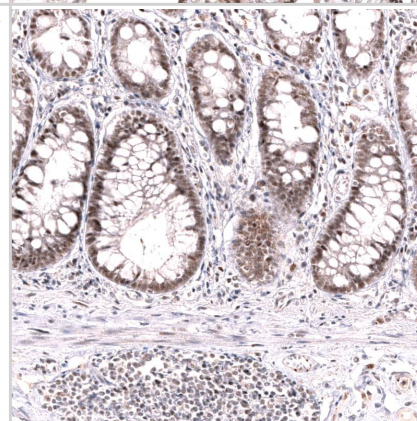
Analysis in human endometrium and skeletal muscle tissues using NBP3-24596 antibody. Corresponding MLH3 RNA-seq data are presented for the same tissues.



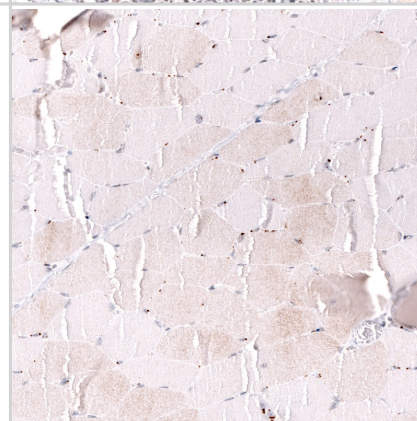
Staining of human placenta shows moderate to strong nuclear positivity in trophoblastic cells.



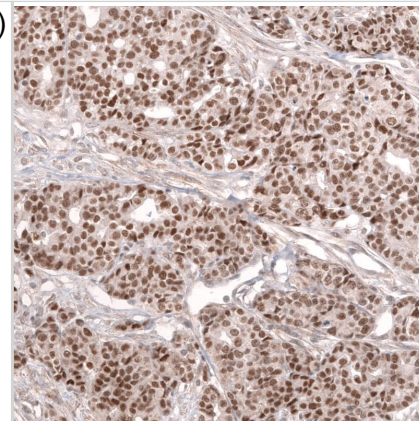
Staining of human rectum shows moderate nuclear positivity in glandular cells.



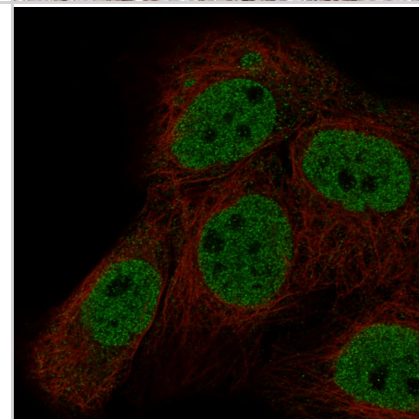
Staining of human skeletal muscle shows no nuclear positivity in myocytes as expected.



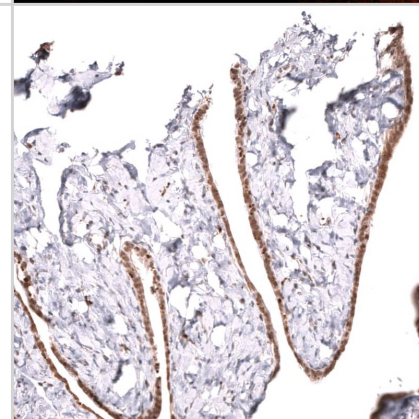
Staining of human ovarian cancer (high grade serous ovarian carcinoma) shows strong nuclear positivity in tumor cells.



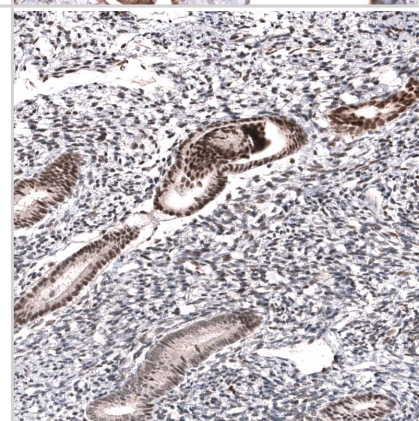
Staining in A-431 cell line with Anti-MLH3 monoclonal antibody, showing specific staining of nucleoplasm in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).



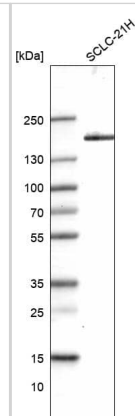
Staining of human fallopian tube shows moderate nuclear positivity in glandular cells.



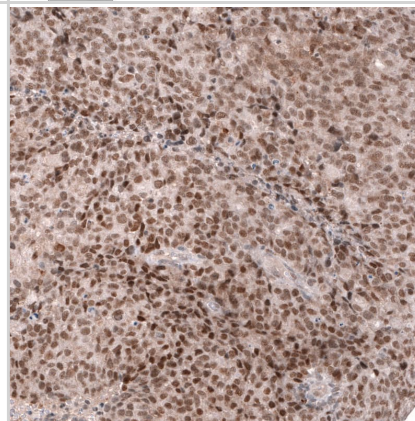
Staining of human endometrium shows strong nuclear positivity in glandular cells.



Western blot analysis in human cell line SCLC-21H.



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





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Products Related to NBP3-24596-100ul

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP2-27231	Mouse IgG2b Isotype Control (MPC-11)
NBP2-55958PEP	MLH3 Recombinant Protein Antigen

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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