

Product Datasheet

MLH3 Antibody (CL14096) - BSA Free NBP3-24597-100ul

Unit Size: 100 ul

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

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Updated 12/2/2025 v.20.1

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NBP3-24597-100ul

MLH3 Antibody (CL14096) - BSA Free

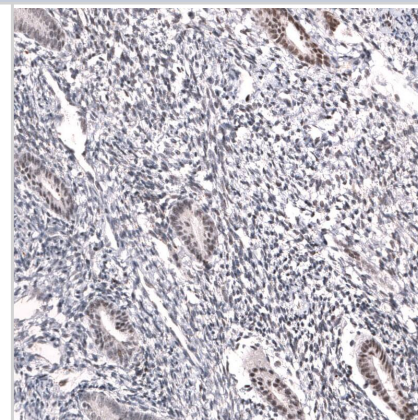
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL14096
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Description	Novus Biologicals Mouse MLH3 Antibody (CL14096) - BSA Free (NBP3-24597) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
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.

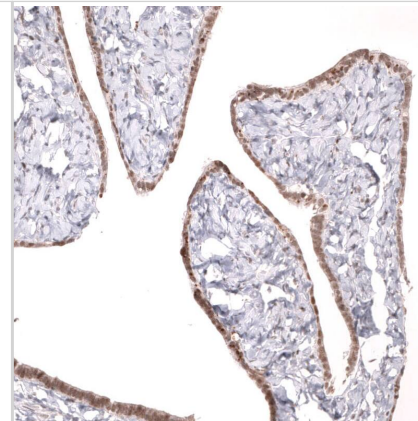
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1ug/ml, Immunohistochemistry 1:20-1:50, Immunocytochemistry/Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:20-1:50
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

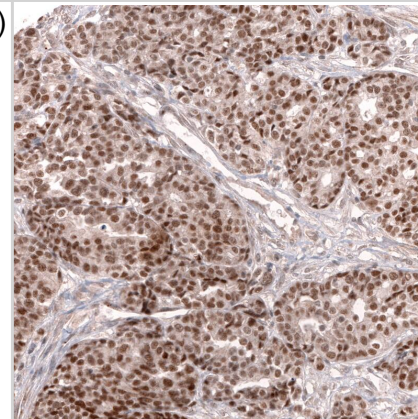
Staining of human endometrium shows moderate nuclear positivity in glandular cells.



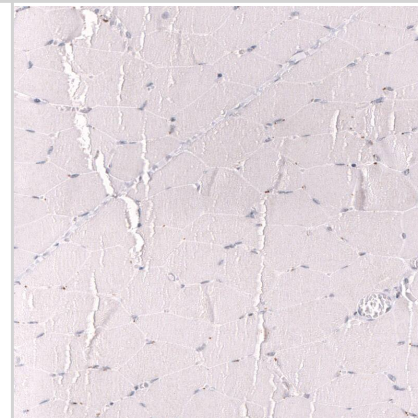
Staining of human fallopian tube shows moderate nuclear positivity in glandular cells.



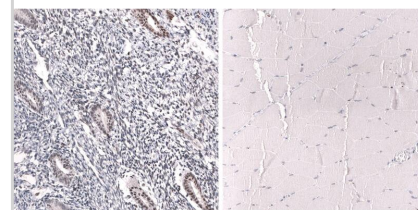
Staining of human ovarian cancer (high grade serous ovarian carcinoma) shows strong nuclear positivity in tumor cells.



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

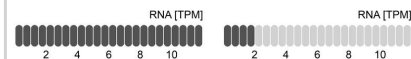


Analysis in human endometrium and skeletal muscle tissues using NBP3-24597 antibody. Corresponding MLH3 RNA-seq data are presented for the same tissues.

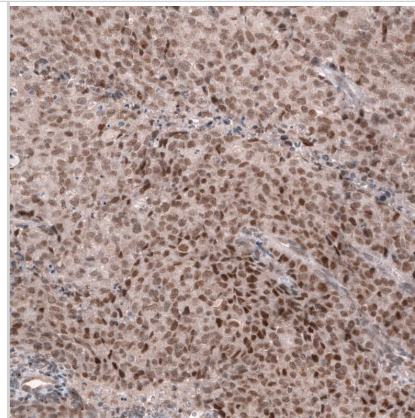


MLH3 in Endometrium

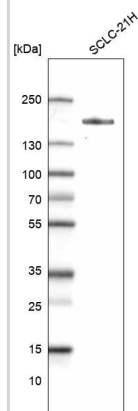
MLH3 in Skeletal muscle



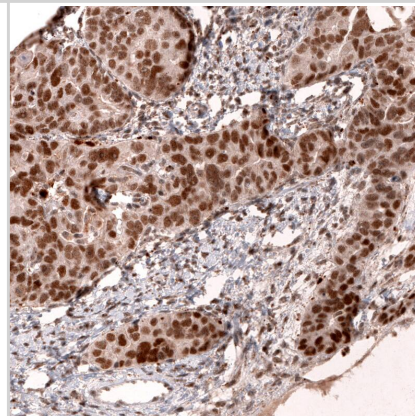
Staining of human endometrial cancer shows moderate nuclear positivity in tumor cells.



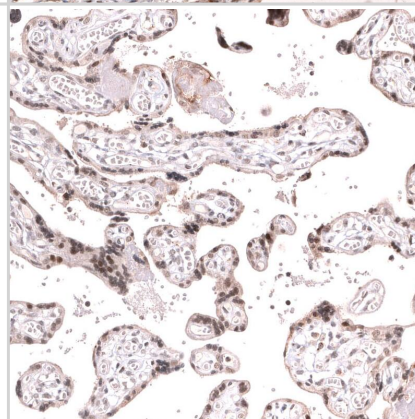
Western blot analysis in human cell line SCLC-21H.



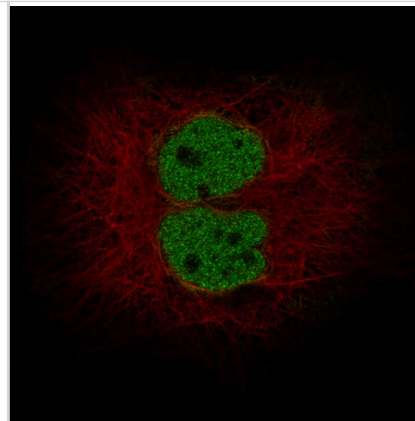
Staining of human ovarian cancer (papillary carcinoma) shows strong nuclear positivity in tumor cells.



Staining of human placenta shows moderate nuclear positivity in trophoblastic 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).





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Products Related to NBP3-24597-100ul

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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