

Product Datasheet

MLH3 Antibody (CL14096) - Azide and BSA Free NBP3-43850

Unit Size: 100 ug

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

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NBP3-43850

MLH3 Antibody (CL14096) - Azide and BSA Free

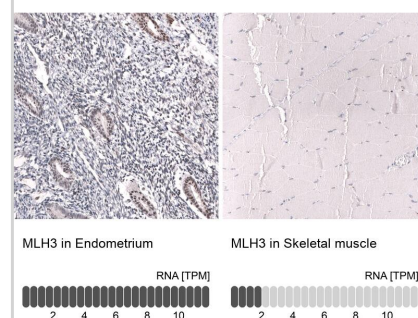
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL14096
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG2a
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	27030
Gene Symbol	MLH3
Species	Human
Immunogen	This antibody was generated using a synthetic peptide of Q9UHC1, with the exact immunogen sequence remaining proprietary.

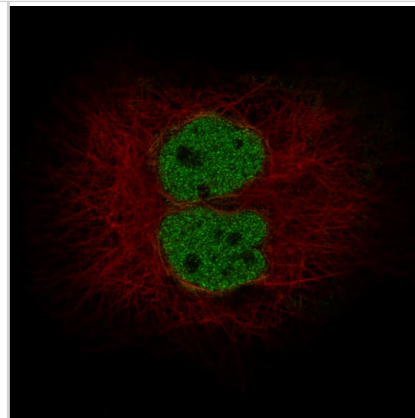
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:20-1:50
Application Notes	For IHC-Paraffin, we 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 Immunocytochemistry/ Immunofluorescence/IF, we recommend using a combination of PFA and Triton X-100. This will give you the optimal results for your experiments.

Images

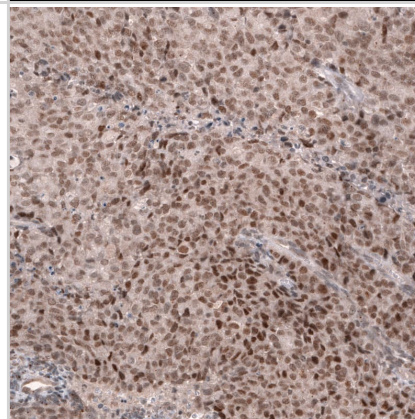
Analysis in human endometrium and skeletal muscle tissues using NBP3-43850 antibody. Corresponding MLH3 RNA-seq data are presented for the same tissues.



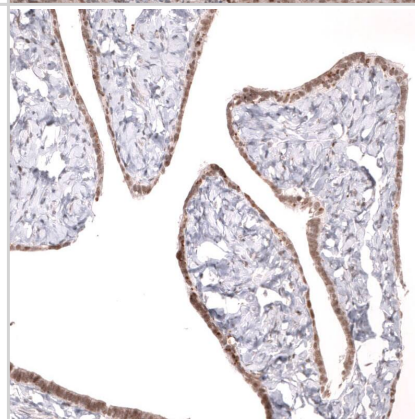
Staining in A-431 cell line with Anti-MLH3 monoclonal antibody) .



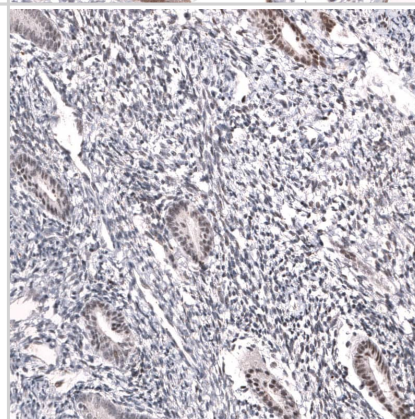
Staining of human endometrial cancer shows moderate nuclear positivity in tumor cells.



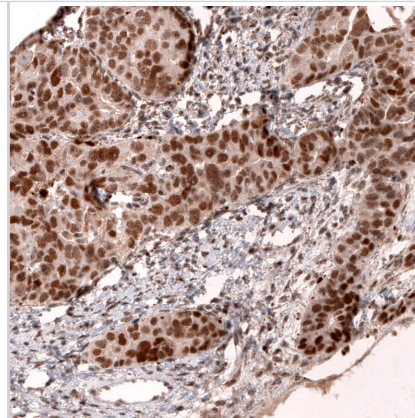
Staining of human fallopian tube shows moderate nuclear positivity in glandular cells.



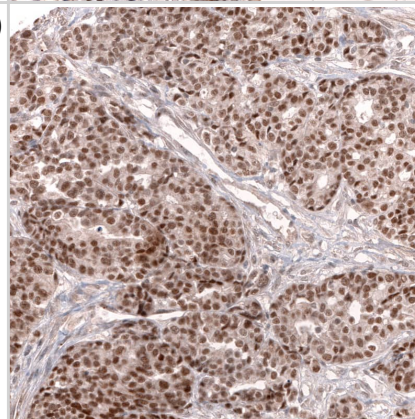
Staining of human endometrium shows moderate nuclear positivity in glandular cells.



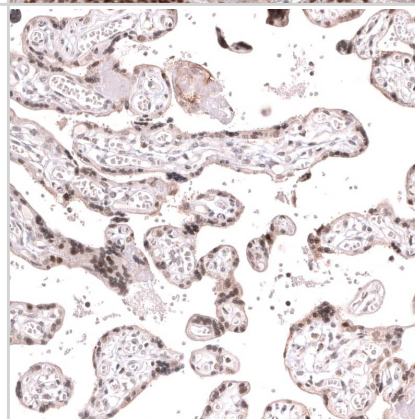
Staining of human ovarian cancer (papillary carcinoma) shows strong nuclear positivity in tumor cells.



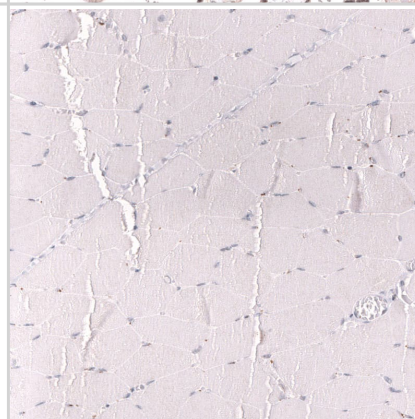
Staining of human ovarian cancer (high grade serous ovarian carcinoma) shows strong nuclear positivity in tumor cells.



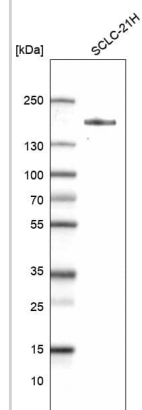
Staining of human placenta shows moderate nuclear positivity in trophoblastic cells.



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



Analysis in human cell line SCLC-21H.





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Products Related to NBP3-43850

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
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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