

# Product Datasheet

## MSH3 Antibody (CL14064) - Azide and BSA Free NBP3-43856

Unit Size: 100 ug

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

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**NBP3-43856**

MSH3 Antibody (CL14064) - 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	CL14064
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	IgG2b
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

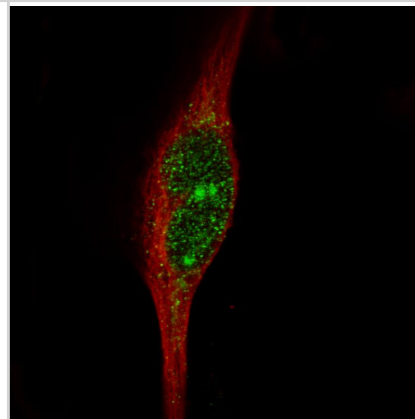
Product Description	
Description	Novus Biologicals Mouse MSH3 Antibody (CL14064) - Azide and BSA Free (NBP3-24588) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4437
Gene Symbol	MSH3
Species	Human
Immunogen	This antibody was generated using a synthetic peptide of P20585, with the exact immunogen sequence remaining proprietary.

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

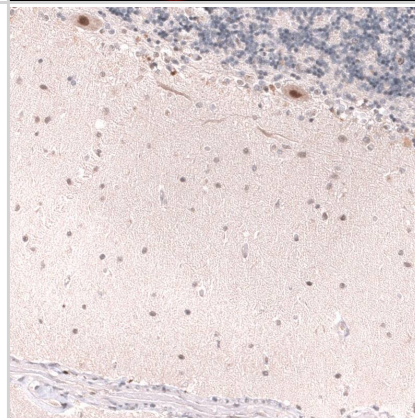


## Images

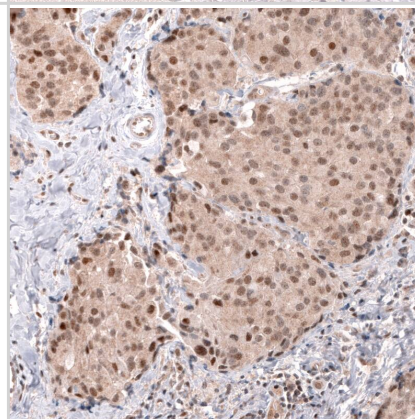
Staining in RH-30 cell line with Anti-MSH3 monoclonal antibody) .



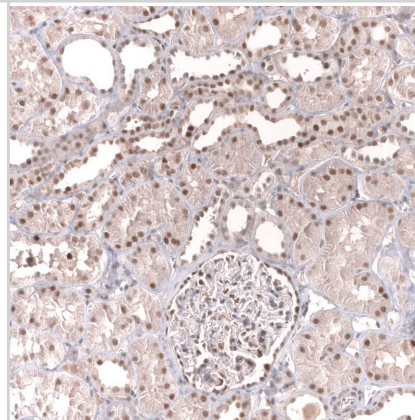
Staining of human cerebellum shows moderate nuclear positivity in Purkinje cells.



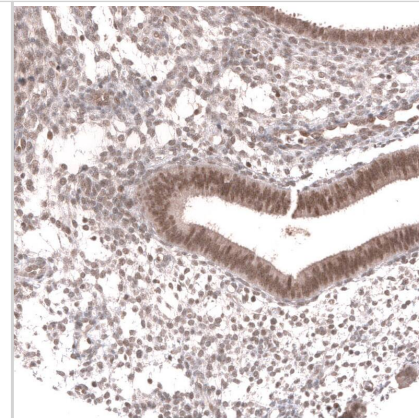
Staining of human breast cancer shows moderate to strong nuclear positivity in tumor cells.



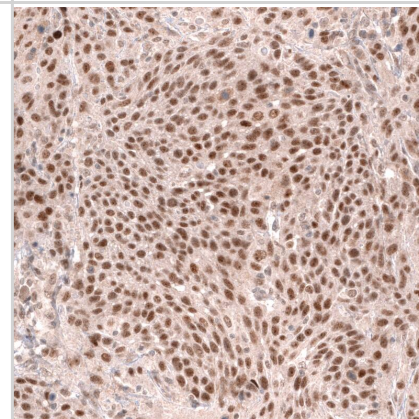
Staining of human kidney shows moderate nuclear positivity in cells in tubules and cells in glomeruli.



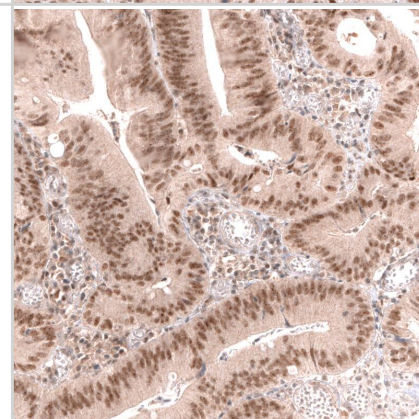
Staining of human endometrium shows moderate nuclear positivity in glandular and in stromal cells.



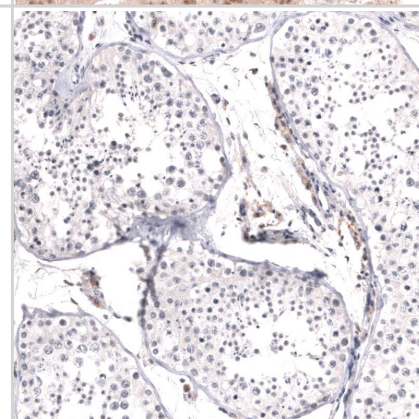
Staining of human cervical cancer shows strong nuclear positivity in tumor cells.



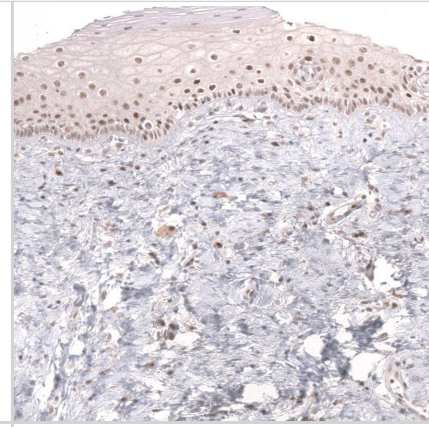
Staining of human colorectal cancer shows moderate to strong nuclear positivity in tumor cells.



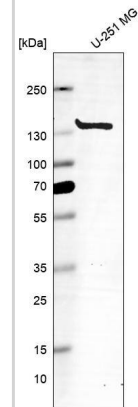
Staining of human testis shows no positivity in cells in seminiferous ducts.



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



Analysis in human cell line U-251 MG.







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### **Products Related to NBP3-43856**

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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)
NBP2-08115	MSH3 Overexpression Lysate

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### **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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