

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

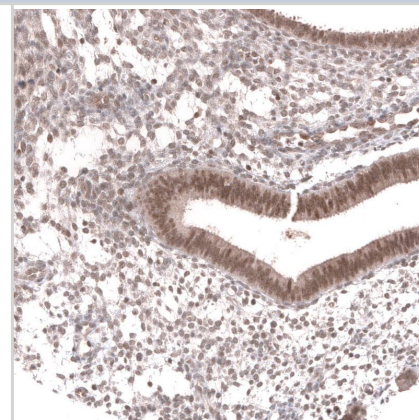
| Product Information | |
|---------------------|--|
| Unit Size | 100 ul |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.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

| Product Description | |
|---------------------|---|
| Description | Novus Biologicals Mouse MSH3 Antibody (CL14064) - 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 developed using a synthetic peptide derived from P20585, with the exact immunogen sequence remaining proprietary. |

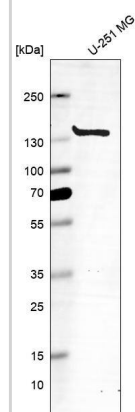
| Product Application Details | |
|-----------------------------|--|
| Applications | Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry |
| Recommended Dilutions | Western Blot 1ug/ml, Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 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

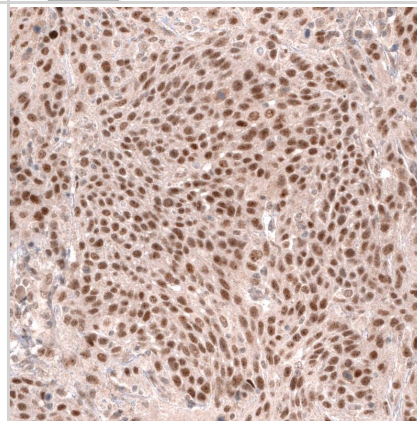
Staining of human endometrium shows moderate nuclear positivity in glandular and in stromal cells.



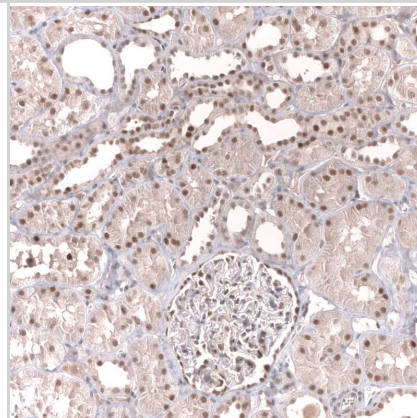
Western blot analysis in human cell line U-251 MG.



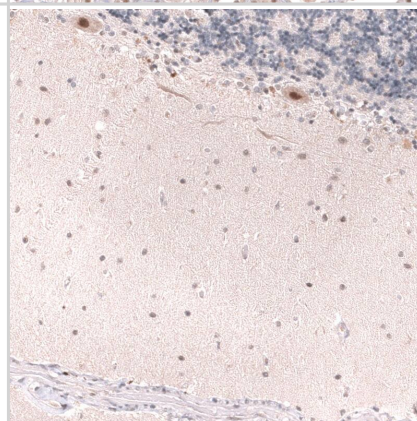
Staining of human cervical cancer shows strong nuclear positivity in tumor cells.



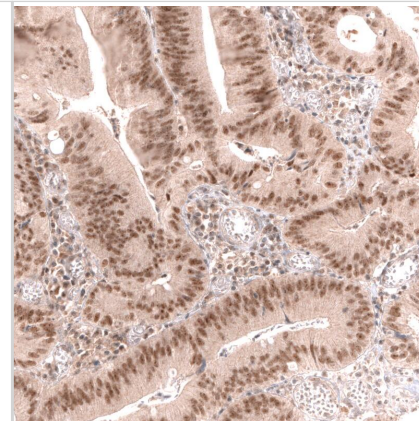
Staining of human kidney shows moderate nuclear positivity in cells in tubules and cells in glomeruli.



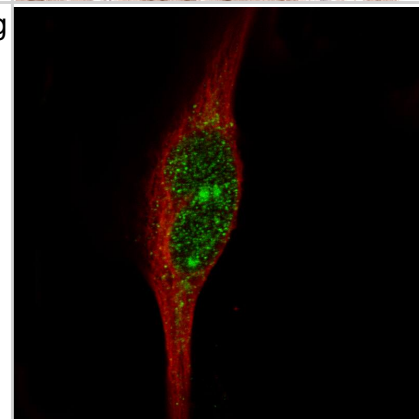
Staining of human cerebellum shows moderate nuclear positivity in Purkinje cells.



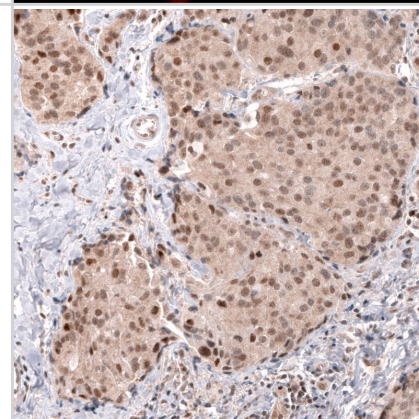
Staining of human colorectal cancer shows moderate to strong nuclear positivity in tumor cells.



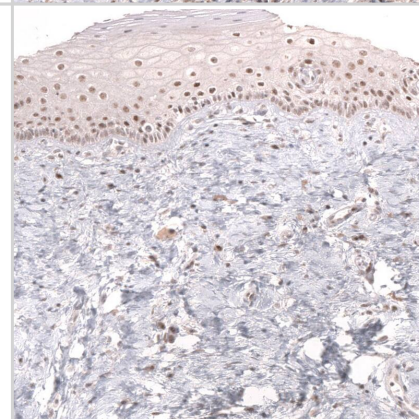
Staining in RH-30 cell line with Anti-MSH3 monoclonal antibody, showing specific staining of nucleoplasm and nucleus and nucleoli in green. Microtubule- and nuclear probes are visualized in red and blue respectively (where available).



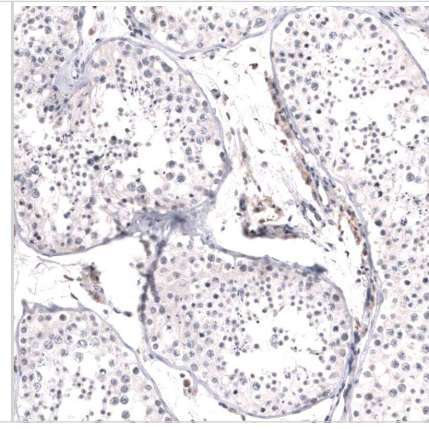
Staining of human breast cancer shows moderate to strong nuclear positivity in tumor cells.



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.





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Products Related to NBP3-24588-100ul

| | |
|------------|---|
| 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) |
| NBP2-08115 | 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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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