

# Product Datasheet

## MSH2 Antibody (MSH2/2622) - Azide and BSA Free NBP3-08957

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP3-08957**

MSH2 Antibody (MSH2/2622) - Azide and BSA Free

Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	MSH2/2622
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Target Molecular Weight	100 kDa

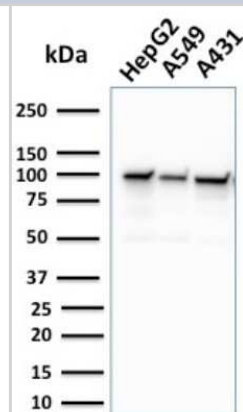
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP3-07211).  Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	4436
Gene Symbol	MSH2
Species	Human, Canine
Marker	DNA Mismatch Repair Marker
Immunogen	Recombinant fragment (around aa 327-427) of human MSH2 protein (exact sequence is proprietary) (Uniprot: IDP43246)

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin
Application Notes	Immunohistochemistry Formalin-fixed: 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes.

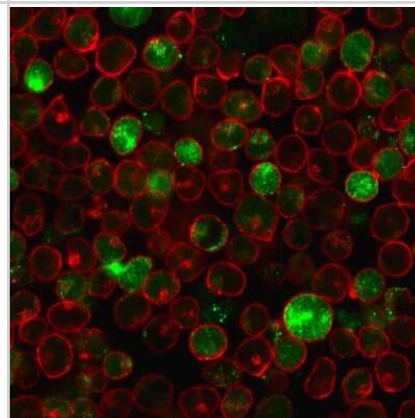


## Images

Western Blot: MSH2 Antibody (MSH2/2622) - Azide and BSA Free [NBP3-08957] - Western Blot Analysis of human HepG2, A549, and A431 cell lysate using MSH2 Mouse Monoclonal Antibody (MSH2/2622).



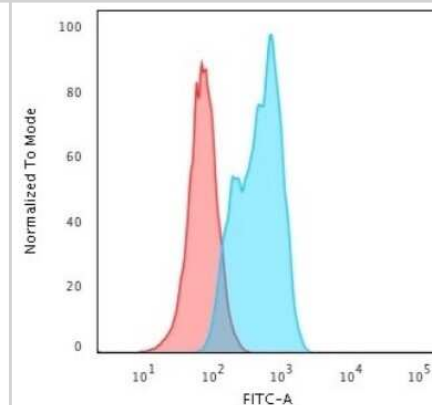
Immunocytochemistry/Immunofluorescence: MSH2 Antibody (MSH2/2622) - Azide and BSA Free [NBP3-08957] - Immunofluorescence staining of MOLT-4 cells using MSH2 Mouse Monoclonal Antibody (MSH2/2622) followed by goat anti- Mouse IgG-CF488 (green). Membrane are stained with Phalloidin (Red).



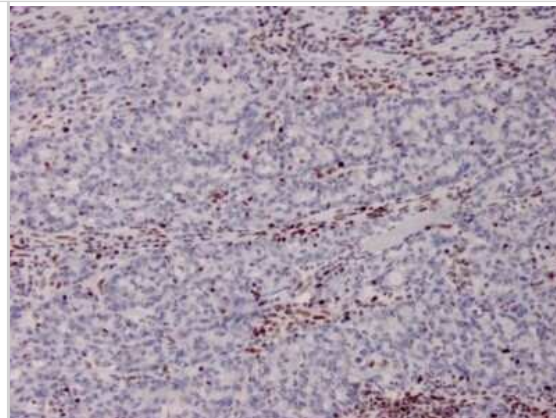
Immunohistochemistry-Paraffin: MSH2 Antibody (MSH2/2622) - Azide and BSA Free [NBP3-08957] - Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with MSH2 Mouse Monoclonal Antibody (MSH2/2622).



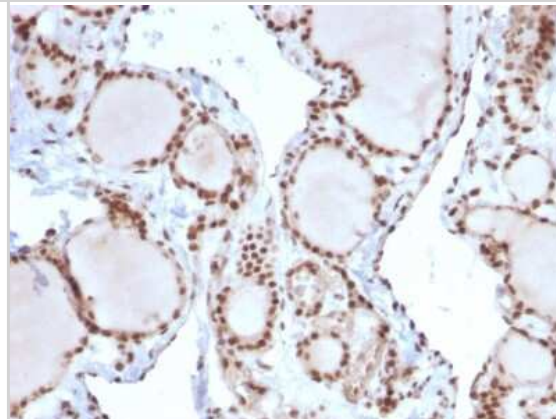
Flow Cytometry: MSH2 Antibody (MSH2/2622) - Azide and BSA Free [NBP3-08957] - Flow Cytometric Analysis of A549 cells using MSH2 Mouse Monoclonal Antibody (MSH2/2622) followed by goat anti- Mouse IgG-CF488 (Blue); Isotype Control (Red).



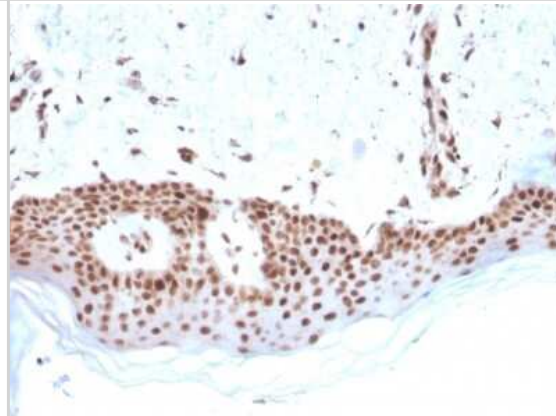
Immunohistochemistry-Paraffin: MSH2 Antibody (MSH2/2622) - Azide and BSA Free [NBP3-08957] - Formalin-fixed, paraffin-embedded human Colon from Lynch disease stained with MSH2 Mouse Monoclonal Antibody (MSH2/2622).



Immunohistochemistry-Paraffin: MSH2 Antibody (MSH2/2622) - Azide and BSA Free [NBP3-08957] - Formalin-fixed, paraffin-embedded human Thyroid Carcinoma stained with MSH2 Mouse Monoclonal Antibody (MSH2/2622).



Immunohistochemistry-Paraffin: MSH2 Antibody (MSH2/2622) - Azide and BSA Free [NBP3-08957] - Formalin-fixed, paraffin-embedded human Basal Cell Carcinoma stained with MSH2 Mouse Monoclonal Antibody (MSH2/2622).





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### **Products Related to NBP3-08957**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00004436-Q01-10ug	Recombinant Human MSH2 GST (N-Term) Protein

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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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