

# Product Datasheet

## MSH2 Antibody - BSA Free

### NB100-621

Unit Size: 100 ul

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



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#### Publications: 3

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**NB100-621**

MSH2 Antibody - BSA Free

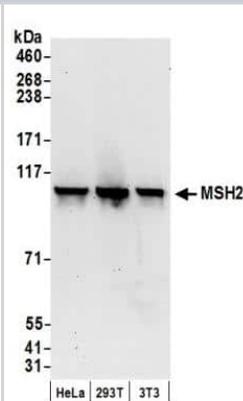
Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description	
Description	Novus Biologicals Rabbit MSH2 Antibody - BSA Free (NB100-621) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-MSH2 Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	4436
Gene Symbol	MSH2
Species	Human, Mouse
Immunogen	The immunogen recognized by this antibody maps to a region between residue 875 and the C-terminus (residue 934) of human mutS homolog 2 using the numbering given in Swiss-Prot entry P43246 (GeneID 4436).

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000- 1:10000, Immunohistochemistry 1:1000 - 1:5000, Immunoprecipitation 2-10 ug/mg lysate, Immunohistochemistry-Paraffin 1:1000 - 1:5000
Application Notes	Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

**Images**

Western Blot: MSH2 Antibody [NB100-621] - Detection of Human and Mouse MSH2 by Western Blot. Samples: Whole cell lysate (50 ug) from HeLa, 293T, and mouse NIH3T3 cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MSH2 antibody NB100-621 used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.





## Publications

Myers SA, DeVries WH, Andres KR et al. CD47 knockout mice exhibit improved recovery from spinal cord injury Neurobiol Dis 2011-04-01 [PMID: 21168495]

Lukasz P. Slomnicki, Scott A. Myers, Sujata Saraswat Ohri, Molly V. Parsh, Kariena R. Andres, Julia H. Chariker, Eric C. Rouchka, Scott R. Whittemore, Michal Hetman Improved locomotor recovery after contusive spinal cord injury in Bmal1 <sup>-/-</sup> mice is associated with protection of the blood spinal cord barrier Scientific Reports 2020-08-26 [PMID: 32848194]

Li S, Wehrenberg B, Waldman BC et al. Mismatch tolerance during homologous recombination in mammalian cells DNA Repair (Amst.) 2018-08-01 [PMID: 30103093] (WB)





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### **Products Related to NB100-621**

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NBL1-13325	MSH2 Overexpression Lysate
NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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