

Product Datasheet

MSH2 Antibody (10G2-R) NBP3-32605

Unit Size: 100 ul

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

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NBP3-32605**MSH2 Antibody (10G2-R)**

Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	10G2-R
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH7.4), 0.1% BSA and 40% Glycerol
Target Molecular Weight	105 kDa

Product Description	
Description	Novus Biologicals Mouse MSH2 Antibody (10G2-R) (NBP3-32605) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4436
Gene Symbol	MSH2
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within N-terminal residues of Human MSH2. (Uniprot: P43246)

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:1000



Images

Western Blot: MSH2 Antibody (10G2-R) [NBP3-32605] - Western blot analysis of MSH2 on different lysates with Mouse anti-MSH2 antibody (NBP3-32605) at 1/1,000 dilution.

Lane 1: HeLa cell lysate (15 ug/Lane)
 Lane 2: HEK-293 cell lysate (15 ug/Lane)
 Lane 3: A549 cell lysate (15 ug/Lane)
 Lane 4: A431 cell lysate (15 ug/Lane)
 Lane 5: HCT 116 cell lysate (15 ug/Lane)
 Lane 6: SW480 cell lysate (15 ug/Lane)
 Lane 7: PC-3M cell lysate (15 ug/Lane)
 Lane 8: LNCaP cell lysate (negative) (15 ug/Lane)
 Lane 9: LoVo cell lysate (negative) (15 ug/Lane)
 Lane 10: NIH/3T3 cell lysate (15 ug/Lane)
 Lane 11: RAW264.7 cell lysate (15 ug/Lane)
 Lane 12: PC-12 cell lysate (15 ug/Lane)
 Lane 13: Mouse testis tissue lysate (25 ug/Lane)
 Lane 14: Rat testis tissue lysate (25 ug/Lane)

Predicted band size: 105 kDa

Observed band size: 105 kDa

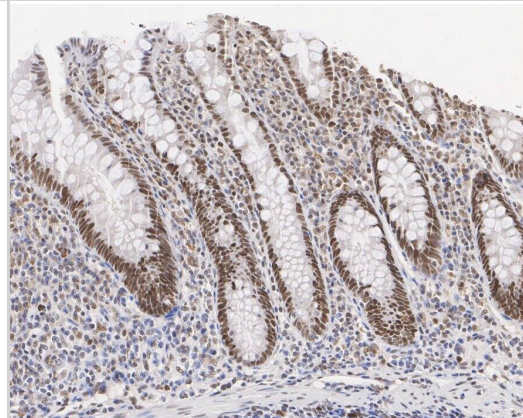
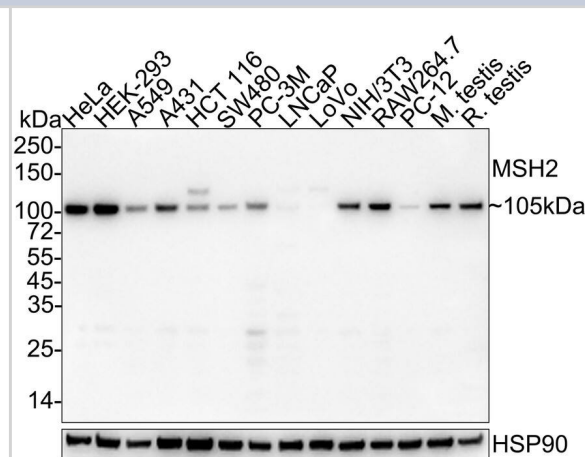
Exposure time: 1 minute 2 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDM/TBST for 1 hour at room temperature. The primary antibody (NBP3-32605) at 1/1,000 dilution was used in 5% NFDM/TBST at 4 overnight. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: MSH2 Antibody (10G2-R) [NBP3-32605] - Immunohistochemical analysis of paraffin-embedded human appendix tissue with Mouse anti-MSH2 antibody (NBP3-32605) at 1/1,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH₂O and PBS, and then probed with the primary antibody (NBP3-32605) at 1/1,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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Products Related to NBP3-32605

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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