

Rabbit anti-Human; Mouse MSH2 Polyclonal Antibody | anti-MSH2 antibody

MSH2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268786	Rabbit	Human; Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

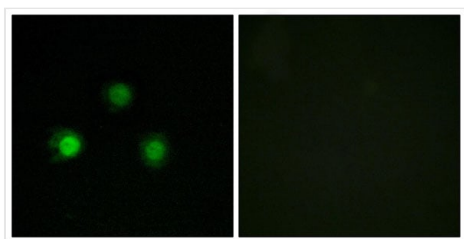
PRODUCT SYNONYMS

MSH2; Polyclonal Antibody; MSH2 Polyclonal Antibody; DNA mismatch repair protein Msh2; MutS protein homolog 2; anti-MSH2 antibody

PRODUCT SPECIFICATIONS

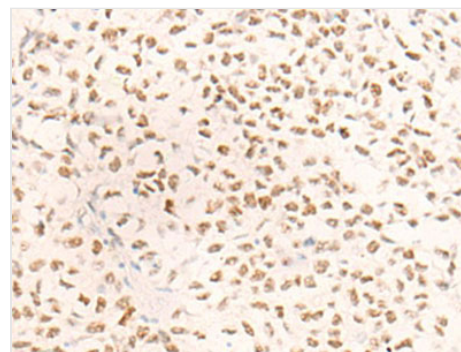
Host	Rabbit
Reactivity	Human; Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purified
Form/Format	Liquid; PBS, pH 7.4, 0.05% NaN ₃ , 40% Glycerol
Applicable Applications for anti-MSH2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide of human MSH2
Research Field	Epigenetics and Nuclear Signaling
Product Categories	Primary antibody
Conjugation	Unconjugated
Modification	Unmodified
Preparation and Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

IMAGES



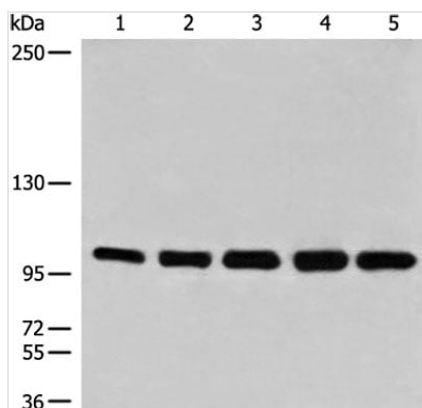
IF (Immunofluorescence)

Immunofluorescence analysis of HUVEC cells, using MSH2 Antibody. The picture on the right is blocked with the synthesized peptide.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human ovarian cancer using MSH2 antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



WB (Western Blot)

Western blot analysis of MSH2 in A172, HeLa, SKOV-3, 293T and HEPG2 lysates using MSH2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MSH2 antibody

MSH2 (MutS homologue 2) forms the hMutS-alpha dimer with MSH6 and is an essential component of the mismatch repair process. hMutS-alpha is part of the BRCA1-associated surveillance complex (BASC), a complex that also contains BRCA1, MLH1, ATM, BLM, PMS2 proteins and the Rad50-Mre11-NBS1 complex.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1171032
NCBI GeneID	4436
UniProt Accession #	P43246
Molecular Weight	Calculated MW: 105 kDa Observed MW: 105 kDa
NCBI Official Full Name	DNA mismatch repair protein Msh2
NCBI Official Synonym Full Names	mutS homolog 2
NCBI Official Symbol	MSH2
NCBI Official Synonym Symbols	FCC1; COCA1; HNPCC; LCFS2; hMSH2; HNPCC1
NCBI Protein Information	DNA mismatch repair protein Msh2
UniProt Protein Name	DNA mismatch repair protein Msh2
UniProt Gene Name	MSH2
UniProt Synonym Gene Names	hMSH2
UniProt Entry Name	MSH2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/msh2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/268786>