

Mouse Mesothelin Monoclonal Antibody | anti-MSLN antibody

Mesothelin (Mesothelial Marker)

CATALOG # AAA215476	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry
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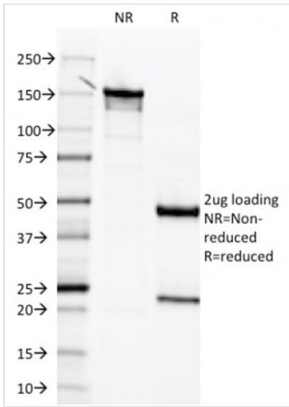
PRODUCT SYNONYMS

Mesothelin; Monoclonal Antibody; Mesothelin (Mesothelial Marker); CAK1; Megakaryocyte potentiating factor; MSLN; SMR; SMRP; anti-MSLN antibody

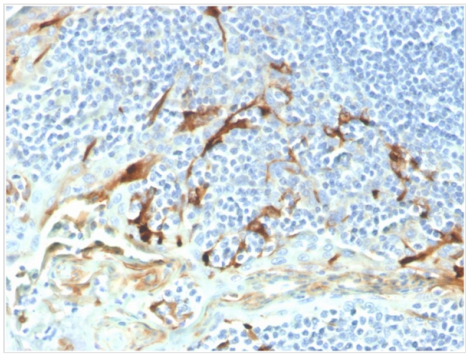
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2b, kappa
Clone Number	MSLN/2131
Specificity	Mesothelin is a 40kDa glycosyl-phosphatidylinositol-anchored glycoprotein cleaved from a 69kDa precursor protein. Mesothelin immunoreactivity is high in cancers of the ovary (serous papillary, endometrioid and undifferentiated) and pancreas, with less frequent staining seen in adenocarcinomas of the endometrium, lung and stomach/esophagus. Mesothelin is one of the most sensitive markers for mesothelioma.
Purity/Purification	Purified Ab conjugated to Biotin
Form/Format	Antibody purified from Bioreactor Concentrate by Protein A/G and conjugated to Biotin. Prepared in 10mM PBS with 0.05% BSA and 0.05% azide.
Sequence Length	622
Applicable Applications for anti-MSLN antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant fragment (around aa 273-407) of Human Mesothelin (MSLN) protein (exact sequence is proprietary)
Cellular Localization	Cell Surfaceand Secreted
Hu-chromosome Location	16p13.3
Positive Control	CAPAN-2 or HeLa cells. Lung Mesothelioma.
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

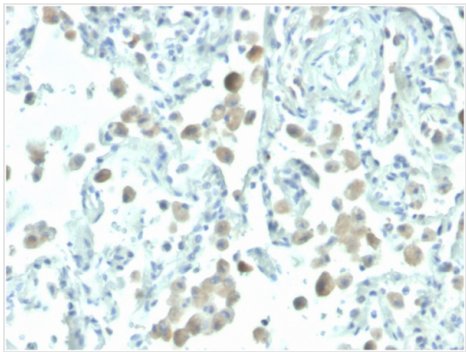
IMAGES



SDS-PAGE
SDS-PAGE Analysis of Purified Mesothelin Mouse Monoclonal Antibody (MSLN/2131) (unconjugated) Confirmation of Integrity and Purity of the Antibody.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human endometrial carcinoma stained with Biotin-conjugated Mesothelin Mouse Monoclonal Antibody (MSLN/2131).



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human lung stained with Biotin-conjugated Mesothelin Mouse Monoclonal Antibody (MSLN/2131).

ADDITIONAL INFORMATION

References	Chang, K. and Pastan, I. 1996. Molecular cloning of Mesothelin, a differentiation antigen present on mesothelium, mesotheliomas, and ovarian cancers. Proc. Natl. Acad. Sci. USA 93: 136-140.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	53988378
NCBI GeneID	10232
NCBI Accession #	NP_005814.2
NCBI GenBank Nucleotide #	NP_005814.2
UniProt Accession #	Q13421
Molecular Weight	40kDa (Mature form); 69kDa (Precursor)
NCBI Official Full Name	mesothelin isoform 1 preproprotein
NCBI Official Synonym Full Names	mesothelin
NCBI Official Symbol	MSLN
NCBI Official Synonym Symbols	MPF; SMRP
NCBI Protein Information	mesothelin

UniProt Protein Name	Mesothelin
UniProt Gene Name	MSLN
UniProt Synonym Gene Names	MPF; MPF
UniProt Entry Name	MSLN_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://www.aaabiotech.com/monoclonal/mesothelin-antibody-clone-msln-2131-immunohistochemistry-elisa/215476>