

anti-Human, Mouse Mesothelin Antibody | anti-MSLN antibody

Anti-Mesothelin [MOR06626]

CATALOG # AAA72331	REACTIVITY Human, Mouse	APPLICATIONS Flow Cytometry, Functional Assay, ELISA
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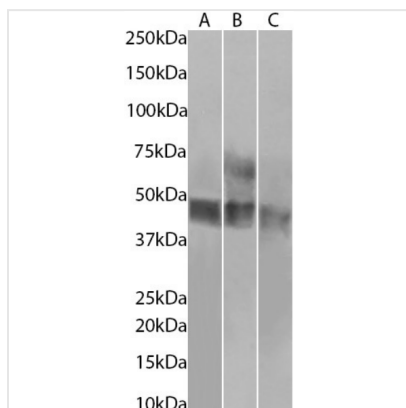
PRODUCT SYNONYMS

Mesothelin; Anti-Mesothelin [MOR06626]; MSLN; CAK1 antigen; Pre-pro-megakaryocyte-potentiating factor; anti-MSLN antibody

PRODUCT SPECIFICATIONS

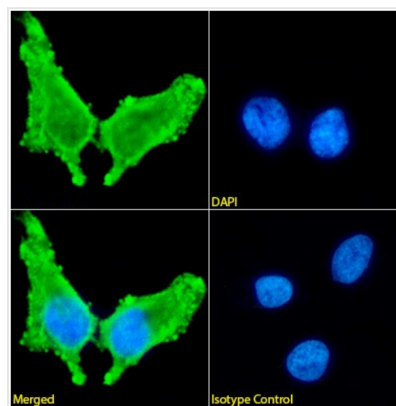
Reactivity	Human, Mouse
Isotype	Rabbit IgG kappa
Clone Number	MOR06626
Specificity	This antibody binds the human and murine mesothelin. Mesothelin is a differentiation antigen present on normal mesothelial cells and overexpressed in several human tumors, including mesothelioma and ovarian and pancreatic adenocarcinoma. Because of its limited expression in normal tissues and overexpression in tumors, mesothelin is a promising candidate for tumor-specific therapy.
Purity/Purification	Purified. Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-MSLN antibody	FCM/FACS (Flow Cytometry), ELISA
Preparation and Storage	Store at 4 degree C for up to 3 months. For longer storage, aliquot and store at -20 degree C.

IMAGES



WB (Western Blot)

Western blot using anti-Mesothelin antibody MOR06626. HeLa (A) (0.1ug/ml) cells lysate, human placenta (B) (0.3ug/ml), and human lung (C) (0.1ug/ml) tissue lysates (35ug protein in RIPA buffer) were resolved via SDS-PAGE, and blots were probed with the chimeric rabbit version of MOR06626 (AAA72331) at the mentioned respective concentrations before detection using an anti-rabbit secondary antibody. A primary incubation of 1 hour was used, and proteins were detected by chemiluminescence.



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells with anti-Mesothelin antibody MOR06626. Immunofluorescence analysis of paraformaldehyde fixed HeLa cells on Shi-fix™ coverslips stained with the chimeric rabbit IgG version of MOR06626 (AAA72331) (1:100 dilution) for 1h followed by Alexa Fluor 488 secondary antibody (1:1000 dilution), showing membrane and cytoplasmic staining. The nuclear stain is DAPI (blue). Panels show, from left-right, top-bottom, AAA72331, DAPI, merged channels, and an isotype control. The isotype control was an unknown specificity antibody followed by staining with Alexa Fluor 488 secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MSLN antibody	The original antibody was isolated from a synthetic phage display library (HuCAL) after 3 rounds of panning against whole CHO-A9 and NCI-H226 cells expressing mesothelin. This chimeric rabbit antibody was made using the variable domain sequences of the original Human IgG1 format, for improved compatibility with existing reagents, assays and techniques.
References	Kahnert et al.N/A

NCBI AND UNIPROT INFORMATION

NCBI GI #	53988378
NCBI GeneID	10232
NCBI Accession #	NP_005814.2
NCBI GenBank Nucleotide #	NM_005823.5
UniProt Accession #	Q13421; Q14859; Q4VQD5; Q96GR6; Q96KJ5; Q9BR17; Q9BTR2; Q9UCB2; Q9UK57; D3DU65
Molecular Weight	68,986 Da
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; CAK1 antigen; megakaryocyte potentiating factor; soluble MPF mesothelin related protein; pre-pro-megakaryocyte-potentiating factor
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.