

Rabbit anti-Human MST1 Polyclonal Antibody | anti-MST1 antibody

MST1 Antibody (C-term)

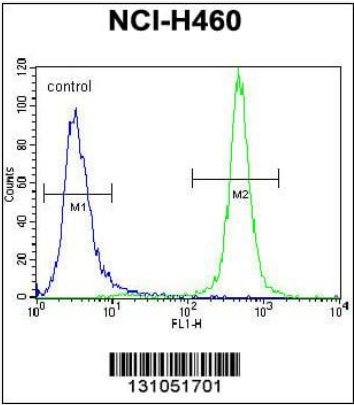
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA288899	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

MST1; Polyclonal Antibody; MST1 Antibody (C-term); Hepatocyte growth factor-like protein; Macrophage stimulatory protein; Macrophage-stimulating protein; MSP; Hepatocyte growth factor-like protein alpha chain; Hepatocyte growth factor-like protein beta chain; D3F15S2; DNF15S2; HGFL; anti-MST1 antibody

PRODUCT SPECIFICATIONS

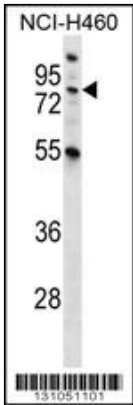
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MST1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 454-483 amino acids from the C-terminal region of human MST1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	454-483
Sequence Length	711
Applicable Applications for anti-MST1 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
MST1 Antibody (C-term) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
MST1 Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human cerebellum tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of MST1 Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
MST1 Antibody (C-term) western blot analysis in NCI-H460 cell line lysates (35ug/lane). This demonstrates the MST1 antibody detected the MST1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MST1 antibody	The protein encoded by this gene contains four kringle domains and a serine protease domain, similar to that found in hepatic growth factor. Despite the presence of the serine protease domain, the encoded protein may not have any proteolytic activity. The receptor for this protein is RON tyrosine kinase, which upon activation stimulates ciliary motility of ciliated epithelial lung cells. This protein is secreted and cleaved to form an alpha chain and a beta chain bridged by disulfide bonds.
Product Categories/Family for anti-MST1 antibody	Cancer; Immunology
References	Latiano, A., et al. Inflamm. Bowel Dis. 16(7):1108-1117(2010) Morgan, A.R., et al. Hum. Immunol. 71(6):602-609(2010) Qiao, M., et al. Mol. Cell 38(4):512-523(2010) McGovern, D.P., et al. Nat. Genet. 42(4):332-337(2010) Oh, H.J., et al. Curr. Biol. 20(5):416-422(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	205277383
-----------	-----------

NCBI GeneID	4485
NCBI Accession #	NP_066278.3
NCBI GenBank Nucleotide #	NM_020998.3
UniProt Accession #	P26927; Q13350; Q14870; Q6GTN4; A6NLA3; A8MSX3
Molecular Weight	80320
NCBI Official Full Name	hepatocyte growth factor-like protein
NCBI Official Synonym Full Names	macrophage stimulating 1
NCBI Official Symbol	MST1
NCBI Official Synonym Symbols	MSP; HGFL; NF15S2; D3F15S2; DNF15S2
NCBI Protein Information	hepatocyte growth factor-like protein
UniProt Protein Name	Hepatocyte growth factor-like protein
UniProt Gene Name	MST1
UniProt Synonym Gene Names	D3F15S2; DNF15S2; HGFL; MSP
UniProt Entry Name	HGFL_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/mst1-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/288899>