

MST4 recombinant antibody

Recombinant Anti-MST4 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA266422	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

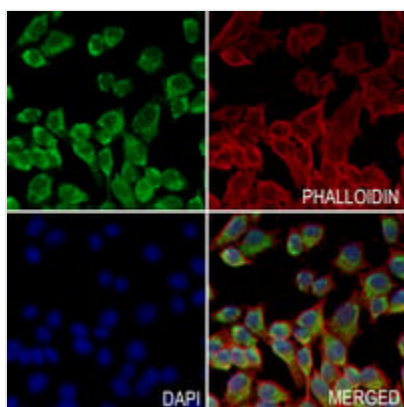
PRODUCT SYNONYMS

MST4; Monoclonal Recombinant Antibody; Recombinant Anti-MST4 Rabbit mAb; MASK; Serine/threonine-protein kinase MST4; Mammalian STE20-like protein kinase 4; MST-4; Mst3 and SOK1-related kinase; STE20-like kinase MST4; Serine/threonine-protein kinase MASK; MST4 recombinant antibody

PRODUCT SPECIFICATIONS

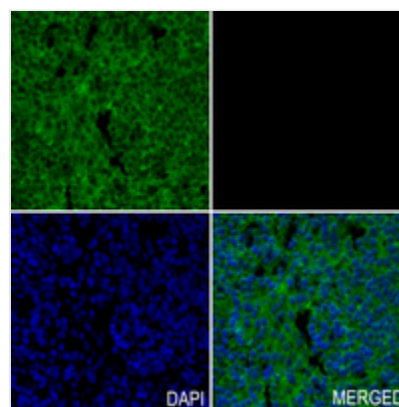
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of MST4 protein
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS, pH7.4, containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Applicable Applications for MST4 recombinant antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human MST4 protein. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



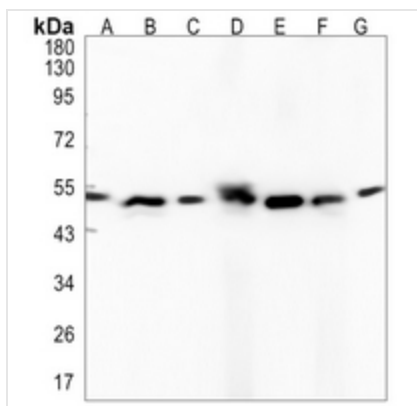
IF (Immunofluorescence)

Immunofluorescent analysis of MST4 staining in A375 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of MST4 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of MST4 expression in H1792 (A), LO2 (B), Panc1 (C), mouse kidney (D), mouse muscle (E), rat kidney (F), rat muscle (G) whole cell lysates. (Predicted band size: 46 kD; Observed band size: 50 kD)

ADDITIONAL INFORMATION

Related Product Information for MST4 recombinant antibody	Recombinant rabbit monoclonal antibody to MST4
Product Categories/Family for MST4 recombinant antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	109633026
NCBI GeneID	51765
NCBI Accession #	NP_001035917.1
NCBI GenBank Nucleotide #	NM_001042452.1
UniProt Accession #	Q9P289; Q99JT2
Molecular Weight	46,529 Da
NCBI Official Full Name	serine/threonine-protein kinase MST4 isoform 3
NCBI Official Symbol	MST4
NCBI Official Synonym Symbols	MASK
NCBI Protein Information	serine/threonine-protein kinase MST4; STE20-like kinase MST4; mammalian sterile 20-like 4; Mst3 and SOK1-related kinase; serine/threonine-protein kinase MASK; mammalian Ste20-like protein kinase 4
UniProt Protein Name	Serine/threonine-protein kinase MST4
UniProt Gene Name	MST4
UniProt Synonym Gene Names	MASK; MST-4
UniProt Entry Name	MST4_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/monoclonal/mst4-recombinant-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/266422>