

anti-Human, Mouse Mst1/2 Antibody | anti-Mst1/2 antibody

Mst1/2 (Phospho-Thr183) Antibody

CATALOG # AAA109201	REACTIVITY Human, Mouse	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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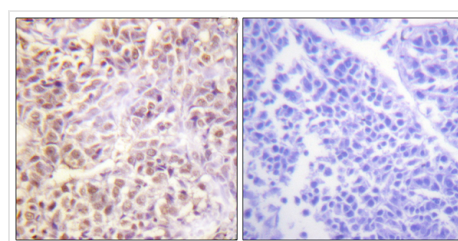
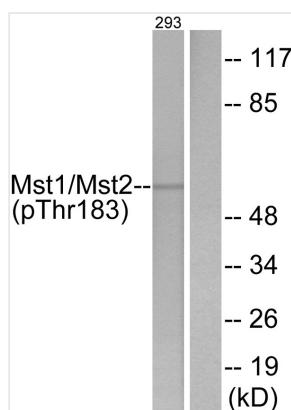
PRODUCT SYNONYMS

Mst1/2; Mst1/2 (Phospho-Thr183) Antibody; EC 2.7.11.1; MST-1; Mammalian STE20-like protein kinase 1; STE20-like kinase MST1; STK4; Serine/threonine protein kinase 4; Serine/threonine protein kinase Krs-2; kinase MST1; serine/threonine kinase 4; Yeast Sps1/Ste20-related kinase 3; anti-Mst1/2 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse
Specificity	Mst1/2 (Phospho-Thr183) antibody detects endogenous levels of Mst1/2 only when phosphorylated at threonine 183.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	487
Applicable Applications for anti-Mst1/2 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human Mst1/2 around the phosphorylation site of threonine 183(R-N-TP-V-I).
All Sites	Human: Thr183 Mouse: Thr183
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using Mst1/2 (Phospho-Thr183) antibody. Western blot analysis of extracts from 293 cells, treated with H₂O₂ (100uM, 15mins), using Mst1/2 (Phospho-Thr183) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-Mst1/2 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Creasy C.L., J. Biol. Chem. 270:21695-21700(1995). Deloukas P., Nature 414:865-871(2001). Cheung W.L., Cell 113:507-517(2003).

NCBI AND UNIPROT INFORMATION

NCBI GI #	5454096
NCBI GeneID	6789
NCBI Accession #	NP_006273.1
NCBI GenBank Nucleotide #	NM_006282.4
UniProt Accession #	Q13043; Q15802; Q4G156; Q5H982; Q6PD60; Q9BR32; Q9NTZ4; B2RCR8
Molecular Weight	52,335 Da
NCBI Official Full Name	serine/threonine-protein kinase 4 isoform 1
NCBI Official Synonym Full Names	serine/threonine kinase 4
NCBI Official Symbol	STK4
NCBI Official Synonym Symbols	KRS2; MST1; YSK3
NCBI Protein Information	serine/threonine-protein kinase 4
UniProt Protein Name	Serine/threonine-protein kinase 4
UniProt Gene Name	STK4
UniProt Synonym Gene Names	KRS2; MST1; MST-1; MST1/N; MST1/C

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/human-mouse-antibody/mst1-2/109201>