

Mouse MST3 Monoclonal Antibody | anti-MST3 antibody

MST3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311994	Mouse	Human, Mouse, Rat	Immunofluorescence, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

MST3; Monoclonal Antibody; MST3 Antibody; epididymis secretory protein Li 95 antibody; HEL-S-95 antibody; Mammalian STE20 like protein kinase 3 antibody; Mammalian STE20-like protein kinase 3 antibody; Mammalian STE20-like protein kinase 3 C-terminal antibody; Mammalian STE20-like protein kinase 3 N-terminal antibody; Mammalian sterile 20-like 3 antibody; MST-3 antibody; MST3/C antibody; MST3/N antibody; MST3B antibody; serine threonine kinase 24 antibody; Serine/threonine kinase 24 (Ste20; yeast homolog) antibody; Serine/threonine-protein kinase 24 12 kDa subunit antibody; Serine/threonine-protein kinase 24 antibody; STE20 homolog yeast antibody; STE20 like kinase MST3 antibody; STE20-like kinase MST3 antibody; Stk24 antibody; STK24_HUMAN antibody; STK3 antibody; anti-MST3 antibody

PRODUCT SPECIFICATIONS

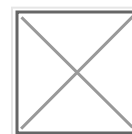
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	1G8
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-MST3 antibody	IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Amino acids 275-393 of MST-3 of human origin.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HeLa cells showing cytoplasmic staining.



WB (Western Blot)

Western blot analysis of MST-3 expression in non-transfected 293T (A), human MST-3 transfected 293T (B) and A-431 (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-MST3 antibody	Sterile-20 (STE20) is a serine/threonine kinase in Saccharomyces cerevisiae that is involved in relaying signals from G protein-coupled receptors to cytosolic MAP kinase cascades. Mammalian protein kinases that display sequence similarity to STE20 are divided into two groups, the PAK subfamily and the GCK subfamily. The PAK subfamily members contain a C-terminal catalytic domain and an N-terminal regulatory domain with a p21Rac/Cdc42-binding site, and these kinases can activate both p38 MAPK and JNK. The GCK subfamily members contain a C-terminal regulatory domain and an N-terminal catalytic domain, and they have diverse roles in many pathways, including the activation of ERK, JNK, p38 MAPK, and caspase-3. The mammalian STE20-like kinases (MST kinases, also known as Ksr proteins) are members of the GCK subfamily. Ksr-1 and Ksr-2 (also known as MST-2 and MST-1, respectively) are both direct substrates of caspase-3 that accelerate caspase-3 activation. MST-3 is ubiquitously expressed in mammalian tissue and can phosphorylate exogenous substrates as well as itself. MST-4 is highly expressed in placenta, thymus, and peripheral blood leukocytes, and it specifically activates ERK.
Product Categories/Family for anti-MST3 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	110349738
NCBI GeneID	8428
NCBI Accession #	NP_001027467.2
NCBI GenBank Nucleotide #	NM_001032296.2
UniProt Accession #	Q9Y6E0; O14840; Q5JV92
Molecular Weight	49,308 Da
NCBI Official Full Name	serine/threonine-protein kinase 24 isoform b
NCBI Official Synonym Full Names	serine/threonine kinase 24
NCBI Official Symbol	STK24
NCBI Official Synonym Symbols	MST3; STK3; MST3B; STE20
NCBI Protein Information	serine/threonine-protein kinase 24; STE20-like kinase 3; STE20-like kinase MST3; sterile 20-like kinase 3; mammalian STE20-like protein kinase 3; serine/threonine kinase 24 (STE20 homolog, yeast)
UniProt Protein Name	Serine/threonine-protein kinase 24
UniProt Gene Name	STK24
UniProt Synonym Gene Names	MST3; STK3; MST-3; MST3/N; MST3/C
UniProt Entry Name	STK24_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/mst3-antibody-clone-1g8-immunofluorescence-immunoprecipitation-western-blot-elisa/311994>