MST1 antibody

Catalog No: #22812

Description

Product Name	MST1 antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IHC IF
Species Reactivity	Hu
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide contain a sequence corresponding to a region within amino acids 324 and 388 of MST1
Target Name	MST1
Accession No.	Swiss-Prot:Q13043Gene ID:6789
Uniprot	Q13043
GeneID	6789;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

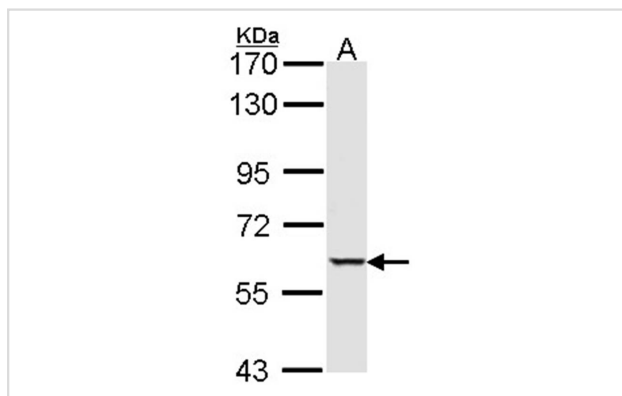## Application Details

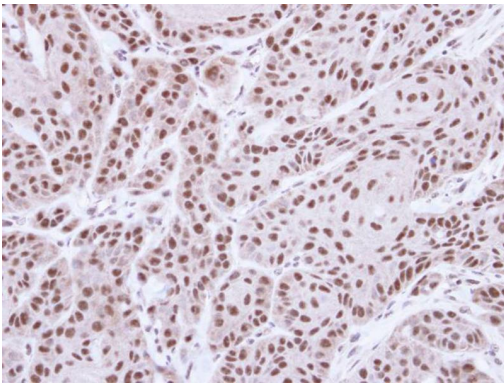Predicted MW: 56kd

Western blotting: 1:500-1:3000

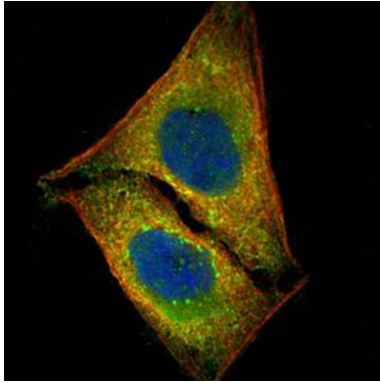Immunohistochemistry: 1:50-1:500

Immunofluorescence: 1:100-1:200

Images

Sample (30 ug of whole cell lysate)
A: Hep G2
7.5% SDS PAGE
STK4 antibody diluted at 1: 1000

Immunohistochemical analysis of paraffin-embedded Cal27 xenograft, using MST1 antibody at 1: 500 dilution.

Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed U2OS, using STK4 antibody (Green) at 1: 500 dilution and alpha-tubulin antibody (Red) at 1: 2000.

Background

The protein encoded by this gene is a cytoplasmic kinase that is structurally similar to the yeast Ste20p kinase, which acts upstream of the stress-induced mitogen-activated protein kinase cascade. The encoded protein can phosphorylate myelin basic protein and undergoes autophosphorylation. A caspase-cleaved fragment of the encoded protein has been shown to be capable of phosphorylating histone H2B. The particular phosphorylation catalyzed by this protein has been correlated with apoptosis, and it's possible that this protein induces the chromatin condensation observed in this process. [provided by RefSeq]

Note: This product is for in vitro research use only