

Product Name: KD-Validated STK4 Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00403**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:100-1:1,000
Molecular Weight	Calculated MW: 55.6kDa

Antigen Information

Gene Name	STK4
Alternative Names	STK4; Serine/Threonine Kinase 4; MST1; KRS2; YSK3; Mammalian STE20-Like Protein Kinase 1; Serine/Threonine-Protein Kinase Krs-2; Serine/Threonine-Protein Kinase 4; Kinase Responsive To Stress 2; Mammalian Sterile 20-Like 1; STE20-Like Kinase MST1; EC 2.7.11.1; Hippo (Drosophila) Homolog; Yeast Ste20-Like; Hippo Homolog; EC 2.7.11; MST-1
Gene ID	6789.0
SwissProt ID	Q13043
Immunogen	A synthesized peptide derived from human Serine/threonine-protein kinase 4

Background

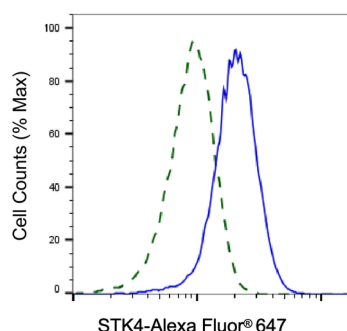
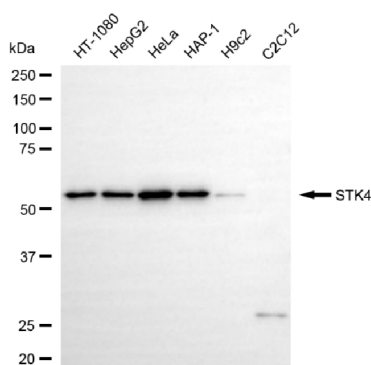
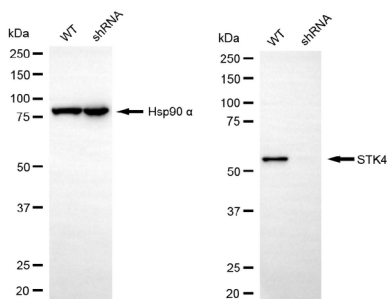
The protein encoded by this gene is a cytoplasmic kinase that is structurally similar to the yeast Ste20p kinase, which acts

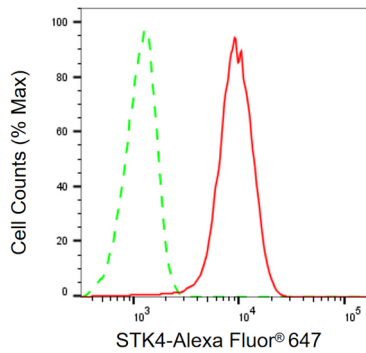
upstream of the stress-induced mitogen-activated protein kinase cascade. The encoded protein can phosphorylate myelin basic protein and undergoes autophosphorylation. A caspase-cleaved fragment of the encoded protein has been shown to be capable of phosphorylating histone H2B. The particular phosphorylation 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, Jul 2008]

Research Area

Cell Biology,Signal Transduction

Image Data





Flow cytometric analysis of STK4 expression in HepG2 cells using STK4 antibody (KVA00403, 1:2,000). Green, isotype control; red, STK4.