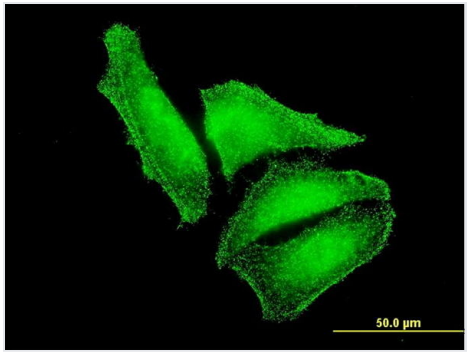
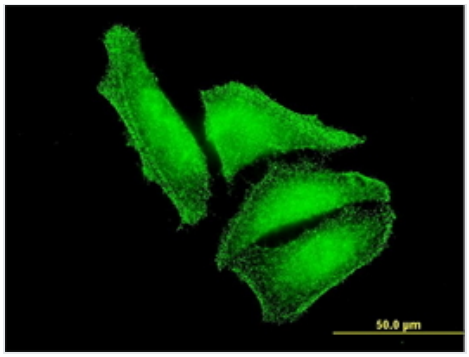
STK3 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	STK3, Monoclonal Antibody
Full Product Name	STK3 (Serine/Threonine Kinase 3 (STE20 Homolog, yeast), FLJ90748, KRS1, MST2) (Biotin)
Product Gene Name	anti-STK3 antibody
Product Synonym Names	Serine/Threonine Kinase 3 (STE20 Homolog; yeast); FLJ90748; KRS1; MST2
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	1.0e+9
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Purity/Purification	Purified
Specificity	Recognizes STK3.
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor
Immunogen	STK3 (AAH10640, 1aa-491aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MEQPPAPKSKLKKLSEDSLTKQPEEVFDVLEKLGEGSYGSVFKAIHKESGQVVAIKQVPVESDLQEIIKEISIMQQCDSPYVVKYYGSYFKNTDLWIVMEYC
Conjugate	Biotin
Product Categories/Family for anti-STK3 antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-STK3 antibody	ELISA (EIA), Immunofluorescence (IF)
Application Notes for anti-STK3 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-STK3 antibody	Protein kinase activation is a frequent response of cells to treatment with growth factors, chemicals, heat shock, or apoptosis-inducing agents. This pro
Other Notes	Small volumes of anti-STK3 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessa
Searchable Terms for STK3 purchase	MBS6172062 is an antibody targeting STK3. Also known as STK3 (Serine/Threonine Kinase 3 (STE20 Homolog, yeast), FLJ90748, KRS1, MST2) (Bio



Immunofluorescence (IF) of anti-STK3 antibody
Immunofluorescence of monoclonal antibody to STK3 on HeLa cell. [antibody concentration 10 ug/ml]



Immunofluorescence (IF) of anti-STK3 antibody
Immunofluorescence of monoclonal antibody to STK3 on HeLa cell. [antibody concentration 10 ug/ml]

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for STK3. It may not necessarily be applicable to this product.

NCBI GI #	14714963
NCBI GeneID	6788
NCBI Accession #	AAH10640
UniProt Related Accession #	Q13188
NCBI Official Full Name	Serine/threonine kinase 3 (STE20 homolog, yeast)
NCBI Official Synonym Full Names	serine/threonine kinase 3
NCBI Official Symbol	STK3
NCBI Official Synonym Symbols	KRS1; MST2
Protein Family	Serine/threonine-protein kinase
NCBI Protein Information	serine/threonine-protein kinase 3
NCBI Summary for STK3	This gene encodes a serine/threonine protein kinase activated by proapoptotic molecules indicating the encoded protein functions as a growth suppressor. Cleavage of the protein product by caspase removes the inhibitory C-terminal portion. The N-terminal portion is transported to the nucleus where it homodimerizes to form the active kinase which promotes the condensation of chromatin during apoptosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]
Research Articles on STK3	**1.** The results show that the noncanonical Hippo MST2-FoxO3a-DeltaNp63alpha pathway may play a critical role in ROS-mediated regulation of cell migration and tumor metastasis.
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