

Mouse STK11 Antibody | anti-STK11 antibody

STK11 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108580	Mouse	Human, Mouse, Monkey	ELISA, Flow Cytometry, Functional Assay, Western Blot

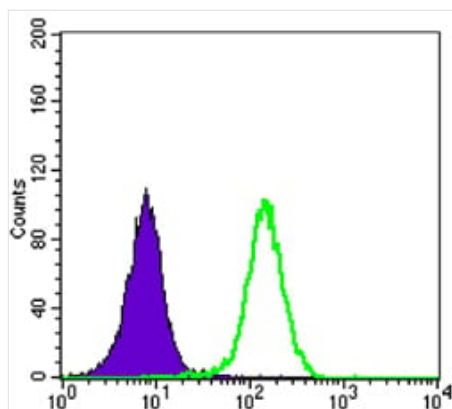
PRODUCT SYNONYMS

STK11; STK11 Antibody; PJS; LKB1; anti-STK11 antibody

PRODUCT SPECIFICATIONS

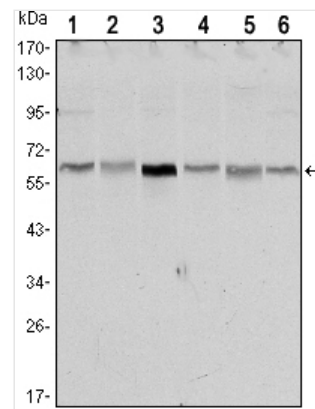
Host	Mouse
Reactivity	Human, Mouse, Monkey
Isotype	IgG1
Clone Number	4H12
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	433
Applicable Applications for anti-STK11 antibody	ELISA, FCM/FACS (Flow Cytometry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human STK11 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C.

IMAGES



FCM/FACS (Flow Cytometry)

Figure 2: Flow cytometric analysis of K562 cells using STK11 mouse mAb (green) and negative control (purple).



WB (Western Blot)

Figure 1: Western blot analysis using STK11 mouse mAb against NIH/3T3 (1), Raw246.7 (2), COS7 (3), Jurkat (4), HEK293 (5) and A431 (6) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-STK11 antibody	Essential role in G1 cell cycle arrest. Phosphorylates and activates members of the AMPK-related subfamily of protein kinases. Tumor suppressor.serine/threonine kinase 11, with two alternatively spliced isoforms, expressed in all tissues, strongly homolog of Xenopus early embryonic kinase 1 (XEEK1), tumor suppressor gene in hamartomas syndrome and in left sided colon carcinogenesis, mutated in sporadic testicular cancer, malignant melanomas and laryngeal tumors, playing a minor role in the development of ovarian carcinoma.LKB1 is a potential target for atherosclerosis and cancer and is shown to be mutated in patients with Peutz-Jeghers cancer syndrome. Tissue specificity: Ubiquitously expressed. Strongest expression in testis and fetal liver.
Product Categories/Family for anti-STK11 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507271
NCBI GeneID	6794
NCBI Accession #	NP_000446.1
NCBI GenBank Nucleotide #	NM_000455.4
UniProt Accession #	Q15831; B2RBX7; E7EW76
Molecular Weight	54kDa
NCBI Official Full Name	serine/threonine-protein kinase STK11
NCBI Official Synonym Full Names	serine/threonine kinase 11
NCBI Official Symbol	STK11
NCBI Official Synonym Symbols	PJS; LKB1; hLKB1
NCBI Protein Information	serine/threonine-protein kinase STK11
UniProt Protein Name	Serine/threonine-protein kinase STK11
UniProt Gene Name	STK11
UniProt Synonym Gene Names	LKB1; PJS; LKB1; hLKB1

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/mouse-human-monkey-mouse-antibody/stk11/108580>