

Mouse anti-Human STK3 Monoclonal Antibody | anti-STK3 antibody

Mouse monoclonal antibody Anti-Human STK3

CATALOG # AAA36517	HOST Mouse	REACTIVITY Human	APPLICATIONS Western Blot, Immunocytochemistry, Dot Blot
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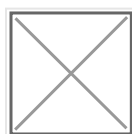
PRODUCT SYNONYMS

STK3; Monoclonal Antibody; Mouse monoclonal antibody Anti-Human STK3; Homo sapiens serine/threonine kinase 3 (STE20 homolog; yeast) (STK3); mRNA.; KRS1; MST2; FLJ90748; anti-STK3 antibody

PRODUCT SPECIFICATIONS

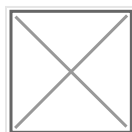
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	3067C3a
Concentration	100 ug/ml (1.0 ml) (varies by lot)
Applicable Applications for anti-STK3 antibody	WB (Western Blot), ICC (Immunocytochemistry), DB (Dot Blot)
Preparation	This antibody was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum.
Sterility	Filtered through a 0.22 um membrane.

IMAGES



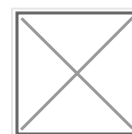
ICC (Immunocytochemistry)

Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.1% Triton X-100 in PBS. The cells were immunostained with anti-STK3 mAb. [Lot No. 3067C3a-1]



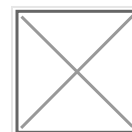
Quality Control #2

Arrow indicates the region of immunized recombinant protein carrying 50-200 amino acids.



WB (Western Blot)

Detection of STK3 by Western blot. Samples: Whole cell lysate from human HEK293 (H, 25 ug), mouse NIH3T3 (M, 25 ug) and rat F2408 (R, 25 ug) cells. [Lot No. 3067C3a-1] Predicted molecular weight: 56 kDa



Quality Control

Western blot analysis of immunized recombinant protein, using anti-STK3 monoclonal antibody.

ADDITIONAL INFORMATION

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 protein kinase activation presumably allows cells to resist unfavorable environmental conditions. The yeast 'sterile 20' (Ste20) kinase acts upstream of the mitogen-activated protein kinase (MAPK) cascade that is activated under a variety of stress conditions. MST2 was identified as a kinase that is activated by the proapoptotic agents straurosporine and FAS ligand (MIM 134638) (Taylor et al., 1996 [PubMed 8816758]; Lee et al., 2001 [PubMed 11278283]). [supplied by OMIM][NCBI Entrez Gene Summary]
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NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_006281
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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/stk3-antibody-clone-3067c3a-western-blot-immunocytochemistry-dot-blot-elisa/36517>