

Datasheet for ABIN933165
anti-STK3 antibody



[Go to Product page](#)

2 Images

Overview

Quantity:	50 µg
Target:	STK3
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunocytochemistry (ICC), Dot Blot (DB)

Product Details

Immunogen:	STK3 antibody was raised in mouse using recombinant Human Serine/Threonine Kinase 3 (Ste20 Homolog, Yeast) (Stk3)
Clone:	3067C3a
Isotype:	IgG2b
Cross-Reactivity:	Human, Mouse (Murine), Rat (Rattus)
Cross-Reactivity (Details):	Other species not studied.
Purification:	Protein G affinity chromatography

Target Details

Target:	STK3
Alternative Name:	STK3 (STK3 Products)
Background:	Protein kinase activation is a frequent response of cells to treatment with growth factors,

Target Details

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 staurosporine and FAS ligand. Synonyms: Monoclonal STK3 antibody, Anti-STK3 antibody, Serine/threonine-protein kinase 3 antibody, KRS1 antibody, MST2 antibody, FLJ90748 antibody.

Pathways: [Tube Formation](#)

Application Details

Application Notes: WB: 0.2-2 µg/mL
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: Lot specific

Buffer: Mouse monoclonal anti-human STK3 antibody in PBS (3.0 mM KCl, 1.5 mM KH₂PO₄, 140 mM NaCl, 8.0 mM Na₂HPO₄ (pH 7.4)) containing 1 % bovine serum albumin (BSA) and 0.05 % sodium azide (NaN₃).

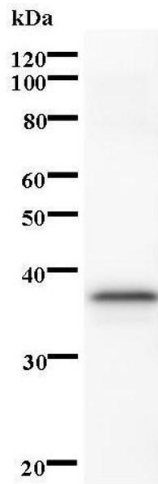
Preservative: Sodium azide

Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.
Dilute only prior to immediate use.

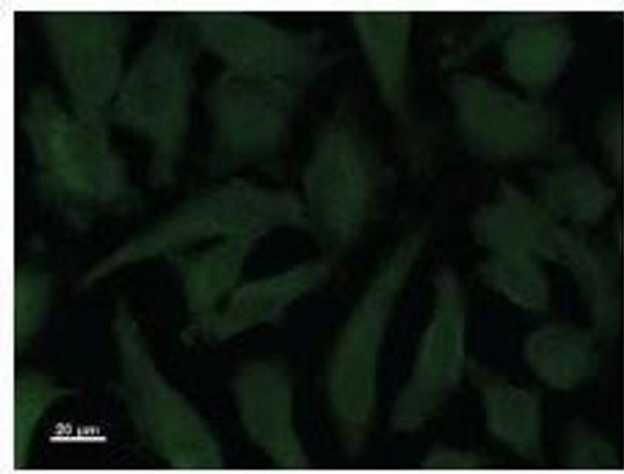
Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for up to one year. We recommend long term storage at -20 °C.



Western Blotting

Image 1.



Immunofluorescence

Image 2. Immunostaining analysis in HeLa cells. HeLa cells were fixed with 4% paraformaldehyde and permeabilized with 0.01% Triton-X100 in PBS. The cells were immunostained with anti-STK3 antibody.