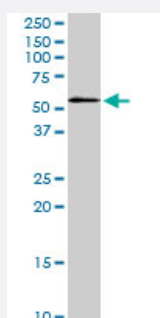


# STK3 monoclonal antibody (M13), clone 4F7

Catalog # H00006788-M13

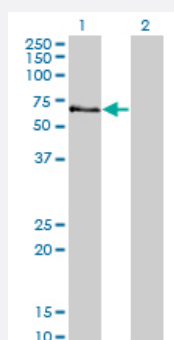
Size 50 ug

## Applications



### Western Blot (Cell lysate)

STK3 monoclonal antibody (M13), clone 4F7. Western Blot analysis of STK3 expression in HepG2(Cat # L019V1 ).

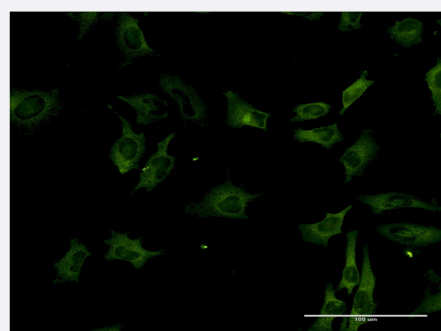


### Western Blot (Transfected lysate)

Western Blot analysis of STK3 expression in transfected 293T cell line by STK3 monoclonal antibody (M13), clone 4F7.

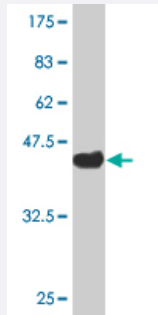
Lane 1: STK3 transfected lysate(56.3 KDa).

Lane 2: Non-transfected lysate.



### Immunofluorescence

Immunofluorescence of monoclonal antibody to STK3 on HeLa cell . [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (38.94 KDa) .

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against a partial recombinant STK3.
<b>Immunogen</b>	STK3 (AAH10640.1, 311 a.a. ~ 431 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	EEEEENSDEDELDSTMTSVESVGTMRATSTMSEGAQTMIEHNSTMLESGLGTMVINSEDEEE EDGTMKRATSPQVQRPSFMDYFDKQDFKNKSHENCNQNMHEFPMSKNVFPDNWKV
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Isotype</b>	IgG2b Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.94 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

STK3 monoclonal antibody (M13), clone 4F7. Western Blot analysis of STK3 expression in HepG2(Cat # L019V1 ).

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of STK3 expression in transfected 293T cell line by STK3 monoclonal antibody (M13), clone 4F7.

Lane 1: STK3 transfected lysate(56.3 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to STK3 on HeLa cell . [antibody concentration 10 ug/ml]

## Gene Info — STK3

Entrez GeneID [6788](#)

GeneBank Accession# [BC010640](#)

Protein Accession# [AAH10640.1](#)

Gene Name STK3

Gene Alias FLJ90748, KRS1, MST2

Gene Description serine/threonine kinase 3 (STE20 homolog, yeast)

Omim ID [605030](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** Protein kinase activation is a frequent response of cells to treatment with growth factors, chemical s, heat shock, or apoptosis-inducing agents. This protein kinase activation presumably allows cell s to resist unfavorable environmental conditions. The yeast 'sterile 20' (Ste20) kinase acts upstrea m of the mitogen-activated protein kinase (MAPK) cascade that is activated under a variety of str ess conditions. MST2 was identified as a kinase that is activated by the proapoptotic agents stra urosporine and FAS ligand (MIM 134638) (Taylor et al., 1996 [PubMed 8816758]; Lee et al., 200 1 [PubMed 11278283]).[supplied by OMIM

**Other Designations** serine/threonine kinase 3 (Ste20, yeast homolog)

## Pathway

- [MAPK signaling pathway](#)