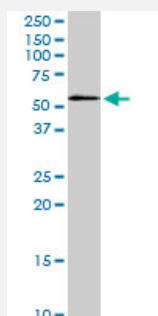


STK3 monoclonal antibody (M13A), clone 4F7

Catalog # H00006788-M13A

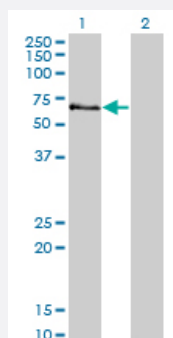
Size 200 uL

Applications



Western Blot (Cell lysate)

STK3 monoclonal antibody (M13A), clone 4F7. Western Blot analysis of STK3 expression in HepG2(Cat # L019V1).

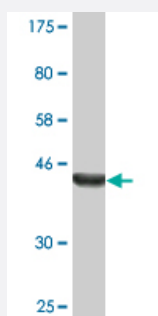


Western Blot (Transfected lysate)

Western Blot analysis of STK3 expression in transfected 293T cell line by STK3 monoclonal antibody (M13A), clone 4F7.

Lane 1: STK3 transfected lysate(56.3 KDa).

Lane 2: Non-transfected lysate.



Western Blot detection against Immunogen (38.94 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a partial recombinant STK3.

| | |
|--------------------------------|---|
| Immunogen | STK3 (AAH10640.1, 311 a.a. ~ 431 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. |
| Sequence | EEEEENSDEDELDSTHMKTSVESVGTMRATSTMSEGAQTMIEHNSTMLES DLGTMVINSEDEEE EDGTMKR NATSPQVQRPSFMDYFDKQDFKNKSHENCNQNMHEPFPMSKNVFPDNWKV |
| Host | Mouse |
| Reactivity | Human |
| Isotype | IgG2b Kappa |
| Quality Control Testing | Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.94 KDa) . |
| Storage Buffer | In ascites fluid |
| Storage Instruction | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |

Applications

- Western Blot (Cell lysate)

STK3 monoclonal antibody (M13A), 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 (M13A), clone 4F7.

Lane 1: STK3 transfected lysate(56.3 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

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 | <p>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 staurosporine and FAS ligand (MIM 134638) (Taylor et al., 1996 [PubMed 8816758]; Lee et al., 2001 [PubMed 11278283]).[supplied by OMIM]</p> |
| Other Designations | serine/threonine kinase 3 (Ste20, yeast homolog) |

Pathway

- [MAPK signaling pathway](#)