



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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STK3 monoclonal antibody (M13), clone 4F7

Catalog # : H00006788-M13

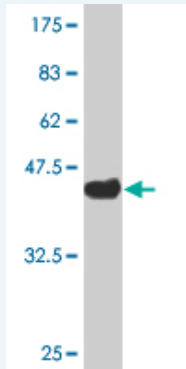
規格 : [50 ug]

[List All](#)

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:	EEEENSDEDELDSHTMVKTSVESVGTMRATSTMSEGAQTMIEHNSTMLE SDLGTMVINSEDEEEEDGTMKRNATSPQVQRPSFMDYFDKQDFKNKSH ENCNQNMHEPFPMSKNVFPDNWKV
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 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

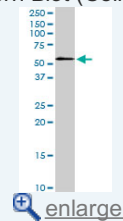
Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)

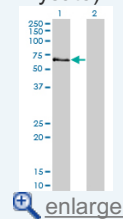
Application Image

Western Blot (Cell lysate)



[enlarge](#)

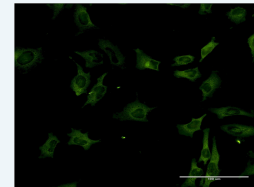
Western Blot (Transfected lysate)



[enlarge](#)

Western Blot (Recombinant protein)

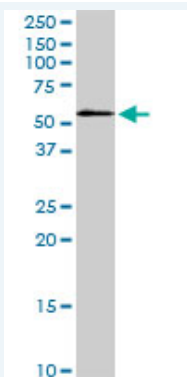
Immunofluorescence



[enlarge](#)

Sandwich ELISA (Recombinant protein)

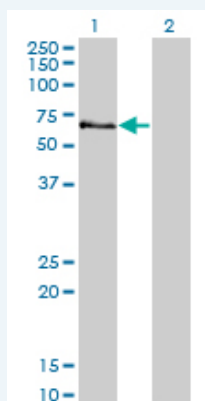
ELISA



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).

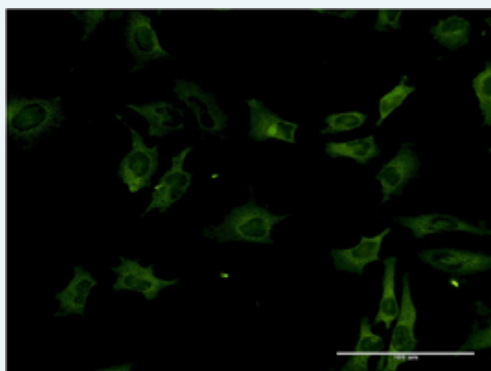
Lane 2: Non-transfected lysate.


 [Protocol Download](#)

Western Blot (Recombinant protein)


 [Protocol Download](#)

Immunofluorescence



 [enlarge this image](#)

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

 [Protocol Download](#)

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged STK3 is approximately 30ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [6788](#)

GeneBank [BC010640](#)
Accession#:

Protein [AAH10640.1](#)
Accession#:

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, 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

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

Gene Pathway

[MAPK signaling pathway](#)