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See the following pages for more information!



Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SMAD3 monoclonal antibody (M21), clone 2G4

Catalog # : H00004088-M21

規格 : [100 ug]

[List All](#)

Specification

Product Description: Mouse monoclonal antibody raised against a full length recombinant SMAD3.

Immunogen: SMAD3 (NP_005893, 147 a.a. ~ 270 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

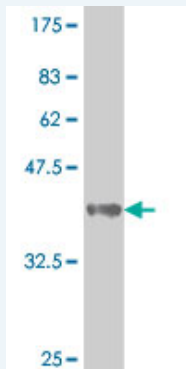
Sequence: PAEFPLDDYSHSIPENTNFPAGIEPQSNIPETPPPGYLSHEDGETSDHQM
NHSMDAGSPNLSNPMSPAHNLDLQPVTYCEPAFWCSISYYELNQRVG
ETFHASQPSMTVDGFTDPSNSERFC

Host: Mouse

Reactivity: Human, Mouse

Isotype: IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (39.27 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](#)

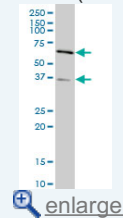
Datasheet: [Download](#)

Applications

Western Blot (Cell lysate)

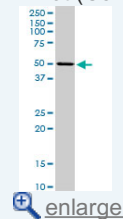
Application Image

Western Blot (Cell lysate)



[enlarge](#)

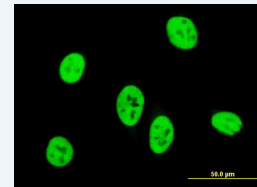
Western Blot (Cell lysate)



[enlarge](#)

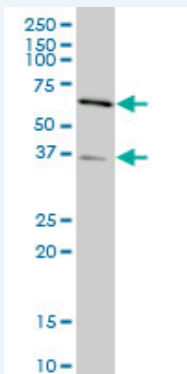
Western Blot (Recombinant protein)

Immunofluorescence



[enlarge](#)

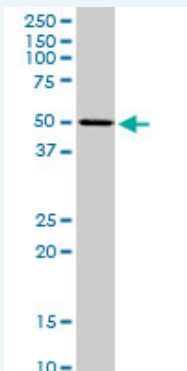
ELISA



SMAD3 monoclonal antibody (M21), clone 2G4 Western Blot analysis of SMAD3 expression in HeLa (Cat # L013V1).

[Protocol Download](#)

Western Blot (Cell lysate)



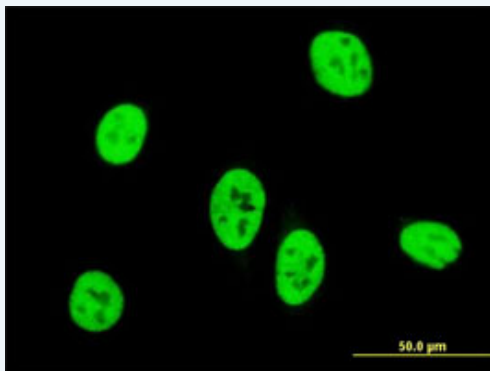
SMAD3 monoclonal antibody (M21), clone 2G4. Western Blot analysis of SMAD3 expression in NIH/3T3(Cat # L018V1).

[Protocol Download](#)

Western Blot (Recombinant protein)

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Immunofluorescence



[enlarge this image](#)

Immunofluorescence of monoclonal antibody to SMAD3 on HeLa cell . [antibody concentration 10 ug/ml]

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ELISA

Gene Information

Entrez GeneID: [4088](#)

GeneBank [NM_005902](#)

Accession#:

Protein [NP_005893](#)

Accession#:

Gene Name: SMAD3

Gene Alias: DKFZp586N0721,DKFZp686J10186,HSPC193,HsT17436,JV15-2,MADH3,MGC60396

Gene Description: SMAD family member 3

Omim ID: [603109](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene belongs to the SMAD, a family of proteins similar to the gene products of the Drosophila gene 'mothers against decapentaplegic' (Mad) and the C. elegans gene Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein functions as a transcriptional modulator activated by transforming growth factor-beta and is thought to play a role in the regulation of carcinogenesis. [provided by RefSeq]

Other Designations: MAD, mothers against decapentaplegic homolog 3,SMA- and MAD-related protein 3,SMAD, mothers against DPP homolog 3,mad homolog JV15-2,mad protein homolog,mothers against decapentaplegic homolog 3

Gene Pathway

[Adherens junction](#) [Cell cycle](#) [Chronic myeloid leukemia](#) [Colorectal cancer](#)
[Pancreatic cancer](#) [Pathways in cancer](#) [TGF-beta signaling pathway](#) [Wnt signaling pathway](#)

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