



# SZABO SCANDIC

Part of Europa Biosite

## 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

### SZABO-SCANDIC HandelsgmbH

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## SMAD3 monoclonal antibody (M08), clone 4D4

Catalog # : H00004088-M08

規格 : [ 100 ug ]

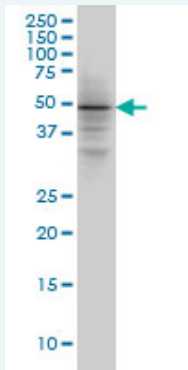
[List All](#)

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a partial recombinant SMAD3.
<b>Immunogen:</b>	SMAD3 (NP_005893, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	MSSILPFTPPIVKRLLGWKKGEQNGQEEKWCEKAVKSLVKKLKKTGQLD ELEKAITTQNVNTKCITIPRSLDGRLQVSHRKGLPHVIYCRLWRWPDLSH HELAMELCE
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	IgG2a Kappa
<b>Quality Control Testing:</b>	Antibody Reactive Against Recombinant Protein.
<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.
<b>MSDS:</b>	 <a href="#">Download</a>
<b>Datasheet:</b>	 <a href="#">Download</a>

### Applications

#### Western Blot (Cell lysate)



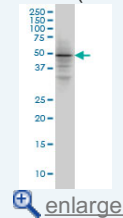
SMAD3 monoclonal antibody (M08), clone 4D4 Western Blot analysis of SMAD3 expression in HeLa S3 NE ( Cat # L013V3 ).

 [Protocol Download](#)

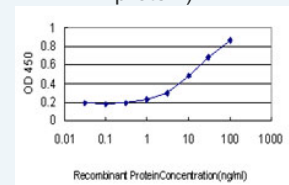
#### Sandwich ELISA (Recombinant protein)


### Application Image

#### Western Blot (Cell lysate)

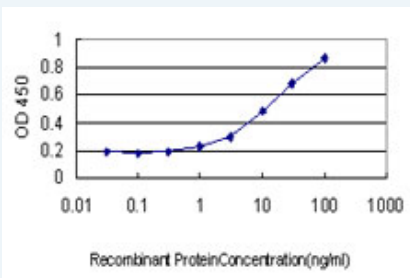


#### Sandwich ELISA (Recombinant protein)




 [enlarge](#)

ELISA



Detection limit for recombinant GST tagged SMAD3 is approximately 1ng/ml as a capture antibody.

 [Protocol Download](#)

## 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** SMAD family member 3

**Description:**

**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](#)

### Related Disease

[Alzheimer Disease](#) [Alzheimer disease](#) [Anemia, Sickle Cell](#) [Anemia, sickle cell](#) [Asthma](#) [Bacteremia](#) [Breast cancer](#) [Breast Neoplasms](#) [Cleft Lip](#) [Cleft Palate](#) [Coronary Artery Disease](#) [Crohn Disease](#) [Diabetes Mellitus, Type 1](#) [Diabetes Mellitus, Type 2](#) [Diabetic Nephropathies](#) [Genetic Predisposition to Disease](#) [Graft vs Host Disease](#) [Head and Neck Neoplasms](#) [Hypersensitivity](#)

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