



# 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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[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## SMAD7 monoclonal antibody (M13), clone 4C12

Catalog # : H00004092-M13

規格 : [ 100 ug ]

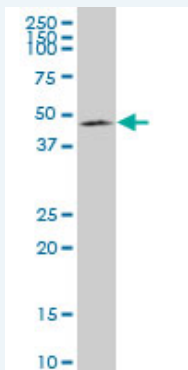
[List All](#)

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a full length recombinant SMAD7.
<b>Immunogen:</b>	SMAD7 (NP_005895, 302 a.a. ~ 400 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	NSDNKSQLVQKVRISKIGCGIQLTREV DGVVYNRSSYPFIK SATLDNPD SRTLLVHKVFPGF SIKAFDYEKAYSLQRPNDHEFMQQPWTGFTVQISFV
<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 (Tissue lysate)



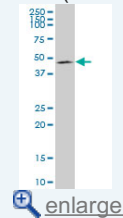
SMAD7 monoclonal antibody (M13), clone 4C12. Western Blot analysis of SMAD7 expression in human placenta.

[Protocol Download](#)

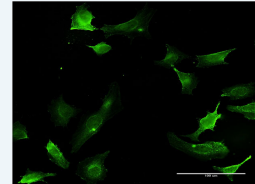
#### Immunofluorescence

### Application Image

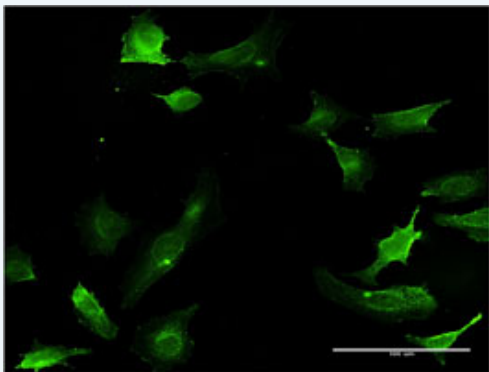
#### Western Blot (Tissue lysate)



#### Immunofluorescence



ELISA



[enlarge this image](#)

Immunofluorescence of monoclonal antibody to SMAD7 on HeLa cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

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## ELISA

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## Gene Information

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**Entrez GeneID:** [4092](#)

**GeneBank  
Accession#:** [NM\\_005904](#)

**Protein  
Accession#:** [NP\\_005895](#)

**Gene Name:** SMAD7

**Gene Alias:** CRCS3,FLJ16482,MADH7,MADH8

**Gene  
Description:** SMAD family member 7

**Omim ID:** [114500](#), [602932](#)

**Gene Ontology:** [Hyperlink](#)

**Other  
Designations:** MAD (mothers against decapentaplegic, Drosophila) homolog 7,MAD, mothers against decapentaplegic homolog 7,Mothers against decapentaplegic, drosophila, homolog of, 7,SMAD, mothers against DPP homolog 7

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## Gene Pathway

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[TGF-beta signaling pathway](#)

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## Related Disease

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[Breast cancer](#) [Breast Neoplasms](#) [Carcinoma](#) [Carcinoma, Renal Cell](#)  
[Carcinoma, Transitional Cell](#) [Colon cancer](#) [Colonic Neoplasms](#) [Colorectal Neoplasms](#)  
[Genetic Predisposition to Disease](#) [Head and Neck Neoplasms](#) [Keloid](#) [Kidney Neoplasms](#)  
[Leukemia, Lymphocytic, Chronic, B-Cell](#) [Neoplasm Recurrence, Local](#)  
[Neoplasms, Second Primary](#) [Obesity](#) [Ovarian Failure, Premature](#)  
[Polycystic Ovary Syndrome](#) [Puberty, Delayed](#)

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