



# 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) 

## BMP7 monoclonal antibody (M01), clone M1-F8

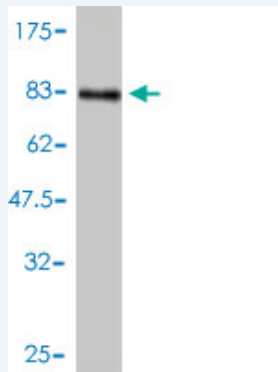
Catalog # : H00000655-M01

規格 : [ 100 ug ]

List All

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a full length recombinant BMP7.
<b>Immunogen:</b>	BMP7 (AAH08584, 1 a.a. ~ 431 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	MHVRSLRAAAPHSFVALWAPLFLLRSLADFLSDNEVHSSFHRRRLRSQERREMQRREILSILGLPHRPRPHLQGKHNSAPFMFLDLYNAMAVEEGGPGGQGFSYPKAVFSTQGPPLASLQDSHFLTDADMVMSFVNLVEHDKEFFHPRYHHREFRFDLSKIPEGEAVTAAEFRIYKDYIRERFDNETFRISVYQVLEHLGRESDFLLDSRTLWASEEGWLVDITATSNHVVVNPRLNLGLQLSVETLDGQSINPKLAGLIGRHGPQNKQPFMVAFFKATEVHFVFRSIRSTGSKQRSQNRSKTPKNQEALRMANVAENSSSDQRQACKKHELIVSFRDLGWQDWIIAPEGYAAYYCEGECAPFLNSYMNATNHAIVQTLVHFINPETVPKPCCAPTQLNAISVLYFDDSSNVILKKYRNMVVRACGCH
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human, Mouse
<b>Isotype:</b>	IgG1 kappa
<b>Quality Control Testing:</b>	Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (73.15 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](#)

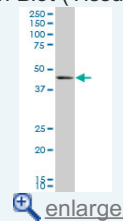
**Datasheet:** [Download](#)

### Publication Reference

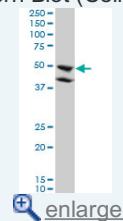
- [BMP-7 blocks mesenchymal conversion of mesothelial cells and prevents peritoneal damage induced by dialysis fluid exposure.](#)  
Loureiro J, Schilte M, Aguilera A, Albar-Vizcaino P, Ramirez-Huesca M, Perez-Lozano LM, Gonzalez-Mateo G, Aroeira LS, Selgas R, Mendoza L, Ortiz A, Ruiz-Ortega M, van den Born J, Beelen RH, Lopez-Cabrera M. *Nephrol Dial Transplant.* 2010 Jan 12. [Epub

### Application Image

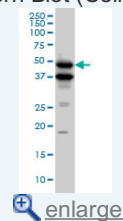
Western Blot (Tissue lysate)



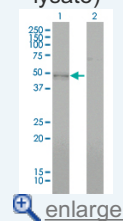
Western Blot (Cell lysate)



Western Blot (Cell lysate)



Western Blot (Transfected lysate)

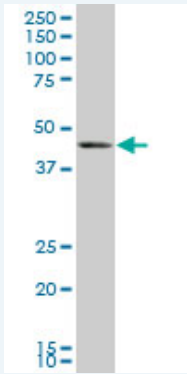


Western Blot (Recombinant protein)

ELISA

## Applications

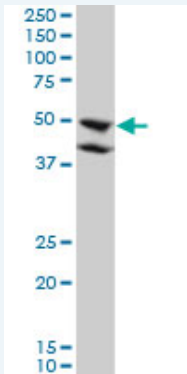
### Western Blot (Tissue lysate)



BMP7 monoclonal antibody (M01), clone M1-F8. Western Blot analysis of BMP7 expression in human uterus myoma.

 [Protocol Download](#)

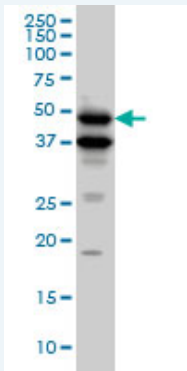
### Western Blot (Cell lysate)



BMP7 monoclonal antibody (M01), clone M1-F8. Western Blot analysis of BMP7 expression in A-549 ( Cat # L025V1 ).

 [Protocol Download](#)

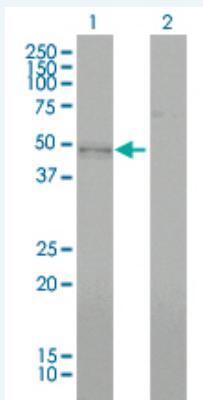
### Western Blot (Cell lysate)



BMP7 monoclonal antibody (M01), clone M1-F8. Western Blot analysis of BMP7 expression in Raw 264.7.


 [Protocol Download](#)

### Western Blot (Transfected lysate)




Western Blot analysis of BMP7 expression in transfected 293T cell line by BMP7 monoclonal antibody (M01), clone M1-F8.

Lane 1: BMP7 transfected lysate(49.313 KDa).  
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

### Western Blot (Recombinant protein)

 [Protocol Download](#)

### ELISA

### Gene Information

Entrez GeneID: [655](#)

GeneBank [BC008584](#)  
Accession#:

Protein [AAH08584](#)  
Accession#:

Gene Name: BMP7

Gene Alias: OP-1

Gene [bone morphogenetic protein 7](#)  
Description:

Omim ID: [112267](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** The bone morphogenetic proteins (BMPs) are a family of secreted signaling molecules that can induce ectopic bone growth. Many BMPs are part of the transforming growth factor-beta (TGFB) superfamily. BMPs were originally identified by an ability of demineralized bone extract to induce endochondral osteogenesis in vivo in an extraskeletal site. Based on its expression early in embryogenesis, the BMP encoded by this gene has a proposed role in early development and possible bone inductive activity. [provided by RefSeq]

Other [OTTHUMP00000031357,osteogenic protein 1](#)  
Designations:

### Gene Pathway

[Cytokine-cytokine receptor interaction](#) [Hedgehog signaling pathway](#)  
[TGF-beta signaling pathway](#)

### Related Disease

[Alzheimer Disease](#) [Alzheimer disease](#) [Calcinosis](#) [Cardiovascular Diseases](#) [Cleft Lip](#)

[Cleft Palate](#) [Depressive Disorder](#), [Major Diabetes Complications](#) [Diabetes Mellitus, Type 1](#)  
[Diabetes Mellitus, Type 2](#) [Diabetic Nephropathies](#) [Edema](#)  
[Genetic Predisposition to Disease](#) [Hyperparathyroidism](#), [Secondary Hypospadias](#)  
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