



# 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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# SMAD6 MaxPab mouse polyclonal antibody (B01) MaxPab®

Catalog # : H00004091-B01

規格 : [ 50 uL ]

[List All](#)

## Specification

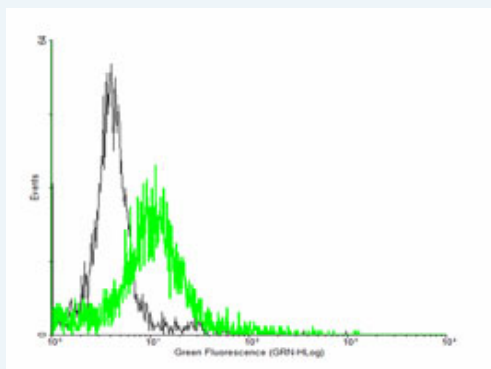
<b>Product Description:</b>	Mouse polyclonal antibody raised against a full-length human SMAD6 protein.
<b>Immunogen:</b>	SMAD6 (NP_005576.3, 1 a.a. ~ 496 a.a) full-length human protein.
<b>Sequence:</b>	MFRSKRSGLVRRLLWRSRVVPDREEGSGGGGGGDEGSLGSRAEPA PRAREGGGCGRSEVRPVAPRRPRDAVGQRGAQGAGRRRRRAGGPPRP MSEPGAGAGSSLLDVAEPGGPGWLPESDCETVTCLFSERDAAGAPR DASDPLAGAALPAGGGRSREARSRLLLLEQELKTVTYSLKRLKERSL DTLLEAVESRGGVPGGCVLVPRADLRLLGGQPAPPQLLLGRLFRWPD QHAVELKPLCGCHSFAAADGPTVCCNPYHF SRLCGPESPPPPYSRLSP RDEYKPLDLDSTLSYTETEATNSLITAPGEFSDASMSPDATKPSHWCS VAYWEHRTRVGRLYAVYDQAVSIFYDLPPQGSFCLGQLNLEQRSESVR RTRSKIGFGILLSKEPDGWAYNRGEHPFVNSPTLDAPGGRALWRKVP PGYSIKVDFERSGLQHAPEPDAADGPYPNSVRISFAKGGWGPCYSRQF ITSCPCWLEILLNNPR
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Quality Control Testing:</b>	Antibody reactive against mammalian transfected lysate.
<b>Storage Buffer:</b>	No additive
<b>Storage Instruction:</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Note:</b>	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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

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

## Applications

### Flow Cytometry

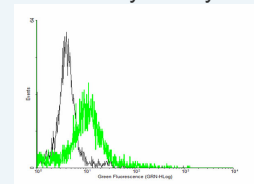


[enlarge this image](#)

FACS analysis of negative control 293 cells (Black) and SMAD6 expressing 293 cells (Green) using SMAD6 purified MaxPab mouse polyclonal antibody.

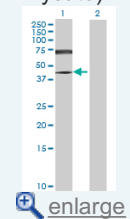
## Application Image

### Flow Cytometry



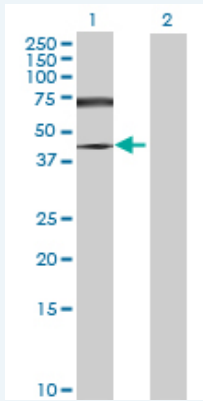
[enlarge](#)

### Western Blot (Transfected lysate)



[enlarge](#)

### Western Blot (Transfected lysate)



Western Blot analysis of SMAD6 expression in transfected 293T cell line (H00004091-T01) by SMAD6 MaxPab polyclonal antibody.

Lane 1: SMAD6 transfected lysate(54.56 KDa).  
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

### Gene Information

Entrez GeneID: [4091](#)

GeneBank [NM\\_005585.3](#)

Accession#:

Protein [NP\\_005576.3](#)

Accession#:

Gene Name: SMAD6

Gene Alias: HsT17432,MADH6,MADH7

Gene SMAD family member 6

Description:

Omim ID: [602931](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** The protein encoded by this gene belongs to the SMAD family of proteins, which are related to Drosophila 'mothers against decapentaplegic' (Mad) and C. elegans Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways. This protein functions in the negative regulation of BMP and TGF-beta/activin-signalling. Multiple transcript variants encoding different isoforms have been found for this gene

**Other Designations:** MAD (mothers against decapentaplegic, Drosophila) homolog 6,MAD, mothers against decapentaplegic homolog 6,Mothers against decapentaplegic, drosophila, homolog of, 6,SMAD, mothers against DPP homolog 6

### Gene Pathway

[TGF-beta signaling pathway](#)

### Related Disease

[Anemia](#), [Sickle Cell Anemia](#), [sickle cell](#) [Bacteremia](#) [Colorectal Neoplasms](#) [Diabetes Mellitus](#), [Type 2](#) [Genetic Predisposition to Disease](#) [Hypertension](#), [Pulmonary Keloid](#) [Obesity](#) [Ovarian Failure](#), [Premature Polycystic Ovary Syndrome](#) [Puberty](#), [Delayed Puberty](#), [Precocious](#) [Thrombophilia](#) [Tobacco Use Disorder](#)

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