

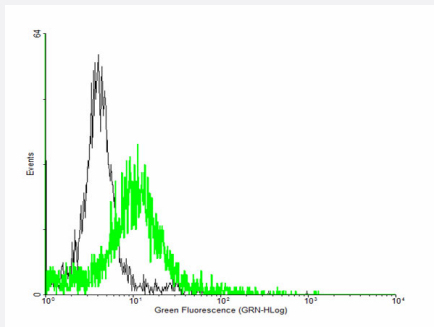
MaxPab®

SMAD6 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00004091-B01P

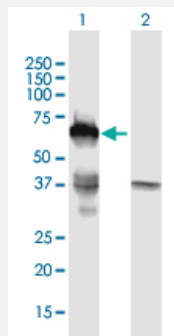
Size 50 ug

Applications



Flow Cytometry

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



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.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human SMAD6 protein.

Immunogen

SMAD6 (NP_005576.3, 1 a.a. ~ 496 a.a) full-length human protein.

Sequence

MFRSKRSGLVRLWRSRVVPDREEGGSGGGGGGDEGSLGSRAEPAPRAREGGGCGRSEVR
PVAPRRPRDAVGQRGAQGAGRRRRAGGPPRPMSEPGAGAGSSLLDVAEPGGPGWLPESDCE
TVTCLFSEERDAAGAPRDASDPLAGAAEPAGGGRSREARSRLLLLEQELKTVTYSLLKRLKER
SLDTLLEAVESRGGVPGGCVLVPRADLRGGQPAPPQLLLGRLFRWPDQLQHAVELKPLCGCHS
FAAADGPTVCCNPYHFSRLCGPESPPPPYSRLSPRDEYKPLDLSDSLSTYSYETETATNSLITAPG
EFSASMSPPDATKPSHWCSVAYWEHRTRVGRLYAVYDQAVSIFYDLPQSGGFCLGQLNLEQRS
ESVRRTRSKIGFGILLSKEPDGVWAYNRGEHPFVNSPTLDAPGGALVVRKVPPGYSIKVDFER
SGLQHAPEPDAAADGPYPNSVRISFAKGWGPCYSRQFITSCPCWLEILLNNPR

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (92)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

Gene Info — SMAD6

Entrez GeneID	4091
GeneBank Accession#	NM_005585.3
Protein Accession#	NP_005576.3
Gene Name	SMAD6
Gene Alias	HsT17432, MADH6, MADH7
Gene Description	SMAD family member 6
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 transcripts 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

Pathway

- [TGF-beta signaling pathway](#)

Disease

- [Anemia](#)
- [Bacteremia](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Keloid](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)