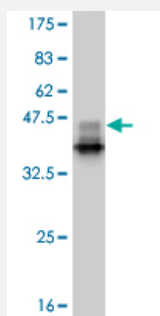


SMAD9 monoclonal antibody (M03), clone 1B5

Catalog # H00004093-M03

Size 100 ug

Applications



Western Blot detection against Immunogen (38.65 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant SMAD9.
Immunogen	SMAD9 (NP_005896, 146 a.a. ~ 260 a.a) full length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	RHSEYNPQLSLLAKFRSASLHSEPLMPHNATYPDSFQQPPCSALPPSPSHAFSQSPCTASYPHS PGSPSEPESPYQHSDFRPVCYEPPQHWCSVAYYELNNRVGETFQASSRSVL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (90)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (38.65 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — SMAD9

Entrez GeneID	4093
GeneBank Accession#	NM_005905
Protein Accession#	NP_005896
Gene Name	SMAD9
Gene Alias	MADH6, MADH9, SMAD8A, SMAD8B
Gene Description	SMAD family member 9
Omim ID	603295
Gene Ontology	Hyperlink
Gene Summary	SMAD family members, such as SMAD9, transduce signals from members of the TGF-beta (see TGFB1; MIM 190180) superfamily, which regulate growth, differentiation, apoptosis, and development (Nishita et al., 1999 [PubMed 10583507]).[supplied by OMIM]
Other Designations	MAD (mothers against decapentaplegic, Drosophila) homolog 9 MAD, mothers against decapentaplegic homolog 9 Mothers against decapentaplegic, drosophila, homolog of, 9 OTTHUMP00000178565 SMAD, mothers against DPP homolog 9

Pathway

- [TGF-beta signaling pathway](#)

Disease

- [Tobacco Use Disorder](#)