



Smad1/5/9 Monoclonal Antibody

Catalog No	BYmab-02265
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	SMAD1/SMAD5/SMAD9
Protein Name	Smad1/5/9
Immunogen	Synthesized peptide derived from human Smad1/5/9. at AA range: 291-340
Specificity	Smad1/5/9 Monoclonal Antibody detects endogenous levels of Smad1/5/9
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	Mothers against decapentaplegic homolog 1/5/9 (MAD homolog 1) (Mothers against DPP homolog 1) (JV4-1) (Mad-related protein 1) (SMAD family member 1) (SMAD 1/5/9) (Smad1) (hSMAD1) (Transforming growth factor-beta-signaling protein 1) (BSP-1)
Observed Band	47960DA
Cell Pathway	Cytoplasm . Nucleus . Cytoplasmic in the absence of ligand. Migrates to the nucleus when complexed with SMAD4 (PubMed:15647271). Co-localizes with LEMD3 at the nucleus inner membrane (PubMed:15647271). Exported from the nucleus to the cytoplasm when dephosphorylated (By similarity).
Tissue Specificity	Ubiquitous. Highest expression seen in the heart and skeletal muscle.
Function	
Background	

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matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images