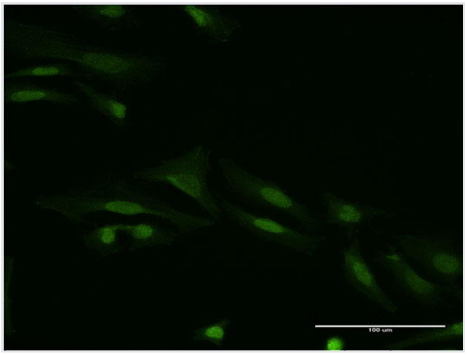
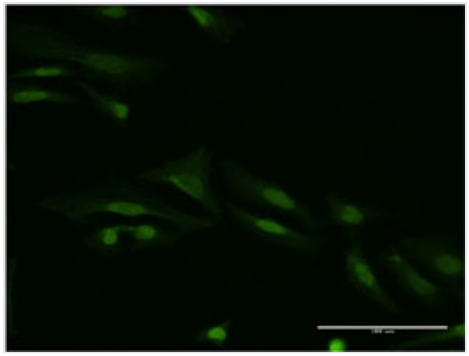
SMAD9 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	SMAD9, Monoclonal Antibody
Full Product Name	SMAD9 (SMAD Family Member 9, MADH6, MADH9, SMAD8A, SMAD8B) (APC)
Product Gene Name	anti-SMAD9 antibody
Product Synonym Names	SMAD Family Member 9; MADH6; MADH9; SMAD8A; SMAD8B
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	3H2
Host	Mouse
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Allophycocyanin (APC).
Purity/Purification	Purified
Specificity	Recognizes SMAD9.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo
Immunogen	SMAD9 (AAH11559.1, 1aa-430aa) full-length recombinant protein with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MHSTTPISSLFSFTSPAVKRLLGWKQGDEEEKWAEKAVDSLVKKLKKKKGAMDELERALSCPGQPSKCVTIPRSLDGRLQVSHCKGLPHVIYCRVWRWP
Conjugate	APC
Product Categories/Family for anti-SMAD9 antibody	Antibodies; Smad Proteins
Applications Tested/Suitable for anti-SMAD9 antibody	ELISA (EIA), Immunofluorescence (IF)
Application Notes for anti-SMAD9 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-SMAD9 antibody	SMAD family members, such as SMAD9, transduce signals from members of the TGF-beta (see TGFB1; MIM 190180) superfamily, which regulate gro
Other Notes	Small volumes of anti-SMAD9 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If neces
Searchable Terms for SMAD9 purchase	MBS6168929 is an antibody targeting SMAD9. Also known as SMAD9 (SMAD Family Member 9, MADH6, MADH9, SMAD8A, SMAD8B) (APC). Host:



Immunofluorescence (IF) of anti-SMAD9 antibody
Immunofluorescence of monoclonal antibody to SMAD9 on HeLa cell. [antibody concentration 10 ug/ml]



Immunofluorescence (IF) of anti-SMAD9 antibody
Immunofluorescence of monoclonal antibody to SMAD9 on HeLa cell. [antibody concentration 10 ug/ml]

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SMAD9. It may not necessarily be applicable to this product.

NCBI GI #	15079440
NCBI GeneID	4093
NCBI Accession #	AAH11559.1
UniProt Related Accession #	O15198
NCBI Official Full Name	SMAD family member 9
NCBI Official Synonym Full Names	SMAD family member 9
NCBI Official Symbol	SMAD9
NCBI Official Synonym Symbols	PPH2; MADH6; MADH9; SMAD8; SMAD8A; SMAD8B; SMAD8/9
Protein Family	Mothers against decapentaplegic
NCBI Protein Information	mothers against decapentaplegic homolog 9
NCBI Summary for SMAD9	The protein encoded by this gene is a member of the SMAD family, which transduces signals from TGF-beta family members. The encoded protein is activated by bone morphogenetic proteins and interacts with SMAD4. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jan 2010]
Research Articles on SMAD9	**1.** Cyclic AMP appears to promote SMAD1/5/8 pathway activity intracellularly and has the ability to activate canonical SMAD1/5/8 downstream targets.
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Online datasheet: https://www.mybiosource.com/monoclonal-antibody/smad9/6168929