

Rabbit anti-Human, Mouse SMAD1 Monoclonal Antibody | anti-SMAD1 antibody

Smad1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312195	Rabbit	Human, Mouse	Immunofluorescence, Immunocytochemistry, Western Blot

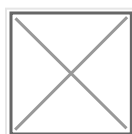
PRODUCT SYNONYMS

SMAD1; Monoclonal Antibody; Smad1 Antibody; BSP-1 antibody; BSP1 antibody; HsMAD1 antibody; JV4-1 antibody; JV41 antibody; MAD homolog 1 antibody; MAD mothers against decapentaplegic homolog 1 antibody; Mad related protein 1 antibody; Mad-related protein 1 antibody; MADH1 antibody; MADR1 antibody; Mothers against decapentaplegic homolog 1 antibody; Mothers against DPP homolog 1 antibody; SMA- AND MAD-RELATED PROTEIN 1 antibody; SMAD 1 antibody; SMAD family member 1 antibody; SMAD mothers against DPP homolog 1 antibody; Smad1 antibody; SMAD1_HUMAN antibody; TGF beta signaling protein 1 antibody; Transforming growth factor-beta-signaling protein 1 antibody; anti-SMAD1 antibody

PRODUCT SPECIFICATIONS

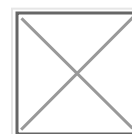
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	SY0254
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-SMAD1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



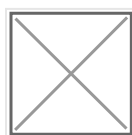
ICC (Immunocytochemistry)

ICC staining Smad1 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



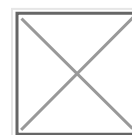
ICC (Immunocytochemistry)

ICC staining Smad1 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining Smad1 in PANC-1 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining Smad1 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

ADDITIONAL INFORMATION

Related Product Information for anti-SMAD1 antibody	Smad proteins, the mammalian homologs of the Drosophila Mothers against dpp (Mad) have been implicated as downstream effectors of TGFbeta /BMP signaling. Smad1 (also designated Madr1 or JV4-1), Smad5 and mammalian Smad8 (also designated Smad9 or MADH6) are effectors of BMP2 and BMP4 function while Smad2 (also designated Madr2 or JV18-1) and Smad3 are involved in TGFbeta and activin-mediated growth modulation. Smad4 (also designated DPC4) has been shown to mediate all of the above activities through interaction with various Smad family members. Smad6 and Smad7 regulate the response to activin/TGFbeta signaling by interfering with TGFbeta-mediated phosphorylation of other Smad family members.
Product Categories/Family for anti-SMAD1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	51173727
NCBI GeneID	4086
NCBI Accession #	NP_001003688.1
NCBI GenBank Nucleotide #	NM_001003688.1
UniProt Accession #	Q15797; Q16636; A8KAJ0; D3DNZ9
Molecular Weight	52,260 Da
NCBI Official Full Name	mothers against decapentaplegic homolog 1
NCBI Official Synonym Full Names	SMAD family member 1
NCBI Official Symbol	SMAD1
NCBI Official Synonym Symbols	BSP1; JV41; BSP-1; JV4-1; MADH1; MADR1
NCBI Protein Information	mothers against decapentaplegic homolog 1; MAD homolog 1; Mad-related protein 1; TGF-beta signaling protein 1; mothers against DPP homolog 1; SMAD, mothers against DPP homolog 1; MAD, mothers against decapentaplegic homolog 1; transforming growth factor-b
UniProt Protein Name	Mothers against decapentaplegic homolog 1
UniProt Gene Name	SMAD1
UniProt Synonym Gene Names	BSP1; MADH1; MADR1; MAD homolog 1; Mothers against DPP homolog 1; SMAD 1; Smad1; hSMAD1; BSP-1
UniProt Entry Name	SMAD1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/smad1-antibody-clone-sy0254-immunofluorescence-immunocytochemistry-western-blot-elisa/312195>