

Mouse anti-Human SMAD5 Monoclonal Antibody | anti-SMAD5 antibody

SMAD5 (Mothers Against Decapentaplegic Homolog 5, Mothers Against DPP Homolog 5, MAD Homolog 5, Mad5, SMAD Family Member 5, SMAD 5, Smad5, JV5-1, MADH5, DKFZp781C1895, DKFZp781O1323) (AP)

CATALOG # AAA24364	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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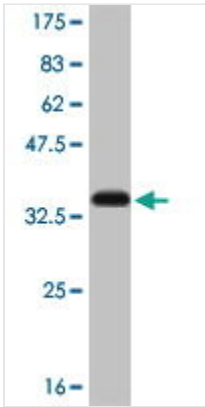
PRODUCT SYNONYMS

SMAD5; Monoclonal Antibody; SMAD5 (Mothers Against Decapentaplegic Homolog 5; Mothers Against DPP Homolog 5; MAD Homolog 5; Mad5; SMAD Family Member 5; SMAD 5; Smad5; JV5-1; MADH5; DKFZp781C1895; DKFZp781O1323) (AP); anti-SMAD5 antibody

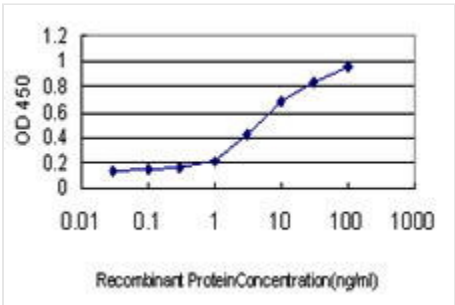
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2D7
Specificity	Recognizes human SMAD5.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Applicable Applications for anti-SMAD5 antibody	ELISA, WB (Western Blot)
Application Notes	Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa105-182 from human SMAD5 (AAH09682) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	KPLDICEFPFGSKQKEVCINPYHYKRVESPVLPVLVPRHNEFNPQHSLLVQFRNLSHNEPHMPQNATFPDSFHPQNN
Conjugate	AP
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial prior to removing the cap.

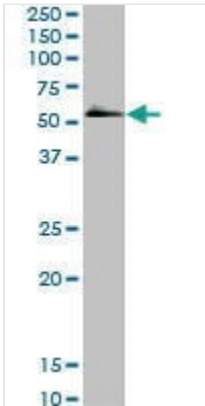
IMAGES



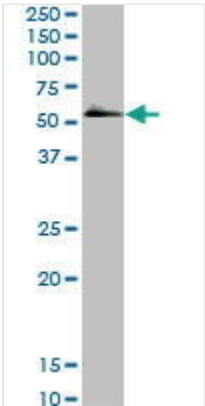
WB (Western Blot)
Western Blot detection against Immunogen (34.21kD).



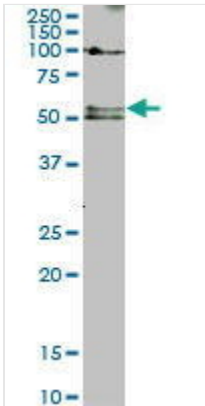
Application Data
Detection limit for recombinant GST tagged SMAD5 is ~0.1ng/ml as a capture antibody.



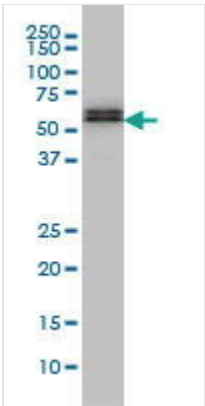
IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to SMAD5 on HeLa cell. [antibody concentration 10ug/ml]



WB (Western Blot)
SMAD5 monoclonal antibody. Western Blot analysis of SMAD5 expression in K-562.



WB (Western Blot)
SMAD5 monoclonal antibody Western Blot analysis of SMAD5 expression in Jurkat.



WB (Western Blot)
SMAD5 monoclonal antibody Western Blot analysis of SMAD5 expression in HeLa NE.

ADDITIONAL INFORMATION

Product Categories/Family for anti-SMAD5 antibody	Antibodies; Smad Proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34189276
NCBI GeneID	4090

Molecular Weight	52,258 Da
NCBI Official Full Name	Homo sapiens SMAD family member 5, mRNA
NCBI Official Synonym Full Names	SMAD family member 5
NCBI Official Symbol	SMAD5
NCBI Official Synonym Symbols	DWFC; JV5-1; MADH5
NCBI Protein Information	mothers against decapentaplegic homolog 5

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/smad5-antibody-clone-2d7-western-blot-elisa/24364>