

Product Datasheet

Smad3 Antibody (1B7) H00004088-M07

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00004088-M07

Smad3 Antibody (1B7)

Product Information

Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	1B7
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

Product Description

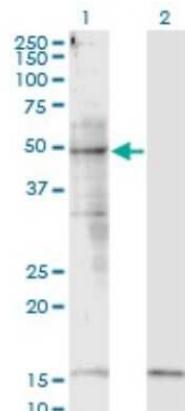
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	4088
Gene Symbol	SMAD3
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	SMAD3 - SMAD, mothers against DPP homolog 3 (Drosophila)
Immunogen	SMAD3 (NP_005893, 1 a.a. ~ 110 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 kDa. MSSILPFTPPIVKRLLGWKKGEQNGQEEKWCEKAVKSLVKKLKKTGQLDELEK AITTQNVNTKCITIPRSLDGRQLQVSHRKGLPHVIYCRLWRWPDLHSHHELRA MCE
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details

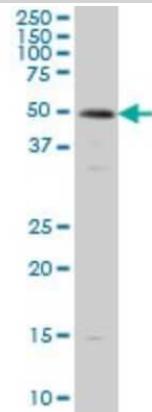
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot 1:500, ELISA
Application Notes	Antibody reactivity against cell lysate for WB. It has been used for ELISA.

Images

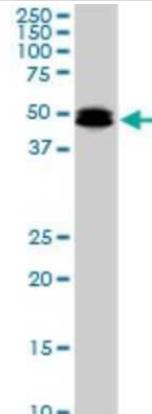
Western Blot: Smad3 Antibody (1B7) [H00004088-M07] - Analysis of SMAD3 expression in transfected 293T cell line by SMAD3 monoclonal antibody (M07), clone 1B7. Lane 1: SMAD3 transfected lysate (48 KDa). Lane 2: Non-transfected lysate.



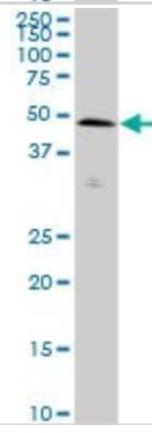
Western Blot: Smad3 Antibody (1B7) [H00004088-M07] - Analysis of SMAD3 expression in HeLa (Cat # L013V1).



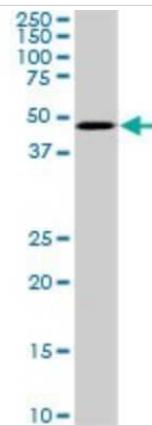
Western Blot: Smad3 Antibody (1B7) [H00004088-M07] - Analysis of SMAD3 expression in PC-12 (Cat # L012V1).



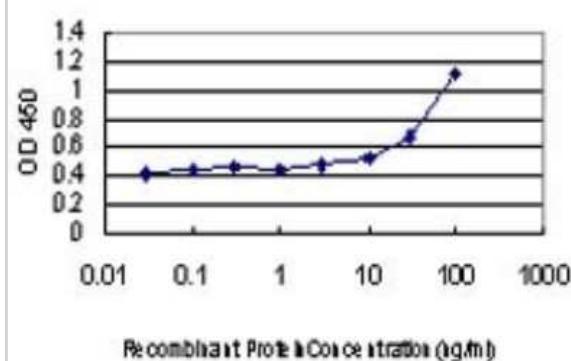
Western Blot: Smad3 Antibody (1B7) [H00004088-M07] - Analysis of SMAD3 expression in Raw 264.7 (Cat # L024V1).



Western Blot: Smad3 Antibody (1B7) [H00004088-M07] - Analysis of SMAD3 expression in NIH/3T3 (Cat # L018V1).



ELISA: Smad3 Antibody (1B7) [H00004088-M07] - Detection limit for recombinant GST tagged SMAD3 is approximately 3ng/ml as a capture antibody.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis.

Primary Antibodies are guaranteed for 1 year from date of receipt.

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