

Product Datasheet

Anti-SMAD5 Rabbit pAb



WL00277

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-SMAD5 Rabbit pAb
Source	Rabbit
Species reactivity	Human
Tested applications	Western blot 1:1000-1:2000
	<i>*Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own experiment using appropriate negative and positive controls.</i>
Pack size	50/100/200/500/1000µl
Storage	Store at -20°C. Avoid freeze/thaw cycles.
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide

General Information

Background	Smad proteins, the mammalian homologs of the Drosophila Mothers against dpp (Mad) have been implicated as downstream effectors of TGF/BMP signaling. Smad5 is involved in the transforming growth factor beta signaling pathway that results in an inhibition of the proliferation of hematopoietic progenitor cells. 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 TGF and activin-mediated growth modulation.
Immunogen	Polyclonal antibody is produced by immunizing animals with a recombinant protein of SMAD5.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

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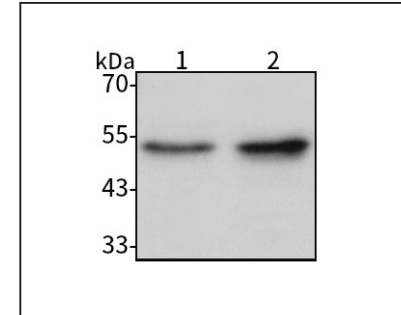
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Product Images



Western blot-Anti-SMAD5 pAb

Lane 1: Human Raji cell lysate
Lane 2: Human Hela cell lysate
All lanes: Anti-SMAD5 at 1:1000 dilution
Lysates/proteins at 20-50 µg per lane.
Predicted band size:52 kDa
Observed band size:52 kDa