

Smad5 Rabbit mAb

Catalog No: #58651

Package Size: #58651-1 50ul #58651-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

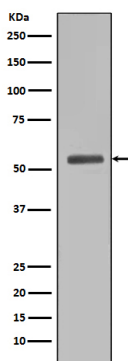
Description

Product Name	Smad5 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF FC
Species Reactivity	Human Mouse Rat
Specificity	Smad5 Antibody detects endogenous levels of total Smad5
Immunogen Description	A synthesized peptide derived from human Smad5
Other Names	Dwfc; JV5-1; MADH5; DKFZp781C1895; DKFZp781O1323; SMAD5;
Accession No.	Uniprot:Q99717
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Calculated MW	52kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

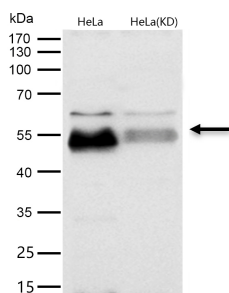
Application Details

WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200 FC 1:50

Images



Western blot analysis of Smad5 expression in HEK293 cell lysate.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

Product Description

Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. Smad5 is a receptor-regulated Smad (R-Smad). Smad5 is required for normal development of the cardiovascular system in vivo; lack of the Smad5 gene results in apoptosis of cardiac myocytes. 3 Upregulation of Smad5 has been reported to mediate apoptosis of gastric epithelial cells induced by *Helicobacter pylori* infection. Tissue specificity: Ubiquitous.

Background

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Note: This product is for in vitro research use only