

Product Datasheet

SMAD5 Antibody



Catalog No: CY5213

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC ICC FC

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Information

UniProt ID: Q99717

All Names: Dwfc; JV5-1; MADH5; DKFZp781C1895; DKFZp781O1323; SMAD5;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 52 kDa

Application

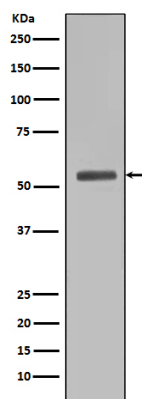
WB: 1:500~1:2000

IHC: 1:50~1:200

ICC: 1:50~1:200

Background

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.



Western blot analysis of SMAD5 expression in HEK293 cell lysate.

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