



Smad5 (4B10) Mouse mAb

db6059 Package : 50μL 100μL

Product Name: Smad5 (4B10) Mouse mAb

Cat.No.: db6059

Synonyms: DKFZp781C1895; DKFZp781O1323; Dwfc; hSmad 5; hSmad5; JV5 1; JV5-1; MAD homolog 5; MAD

mothers against decapentaplegic homolog 5; MAD; mothers against decapentaplegic homolog 5; MADH 5; MADH5; Mothers against decapentaplegic homolog 5; Mothers against DPP homolog 5; MusMLP; SMA and MAD related protein 5; SMAD 5; SMAD family member 5; SMAD mothers against

DPP homolog 5; Smad5; Smad5; SMAD5_HUMAN

Application: WB, ICC/IF, FC

Reactivity : Human

Host species : Mouse

Background Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase.

SMAD5 is a receptor-regulated SMAD (R-SMAD).

Immunogen Purified recombinant human SMAD5 (C-terminus) protein fragments expressed in E.coli

Gene ID 4090

Swiss Prot Q99717

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mothers against DPP homolog 5; Smad5; Smad5; SMAD5_HUMAN

Reactivity Human

Application WB, ICC/IF, FC

Recommended dilution WB: 1:500-1:1000

ICC/IF: 1:50-1:200

FC: 1:50-1:100

Calculated MW 52 kDa

Observed MW 60 kDa

Host species Mouse

Clonality Monoclonal

Clonality No. 4B10-B10-B6





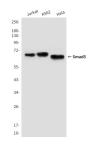
Isotype IgG1

Purity Affinity Purification

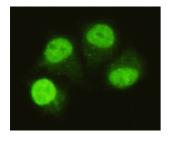
Conjugation Un-conjugated

Storage Stability Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA.

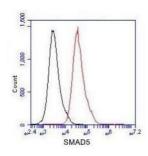
Stable for 12 months from date of receipt.



Western blot analysis of SMAD5 (Cterminus) in Hela, Jurkat and K562 lysates using SMAD5 (Cterminus) antibody.



Immunocytochemistry analysis of Smad5 in HeLa cells using Smad5 antibody.



Flow Cytometry analysis of Jurkat cells stained with SMAD5 (red). Black line histogram represents the isotype control, normal mouse IgG.