

Smad5 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA1138
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant human Smad5 (C-terminus) protein fragments expressed in E.coli.
Mol wt	N/A
Species reactivity	Human,Mouse,Rat,Bovine,Chicken,Pig,sheep
Clonality	Monoclonal
Recommended application	WB, IF, ICC, FCM
Concentration	1 mg/ml
Full name	Mothers against decapentaplegic homolog 5
Synonyms	SMAD5; MADH5; Mothers against decapentaplegic homolog 5; MAD homolog 5; Mothers against DPP homolog 5; JV5-1; SMAD family member 5; SMAD 5; Smad5; hSmad5

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by this gene is involved in the transforming growth factor beta signaling pathway that results in an inhibition of the proliferation of hematopoietic progenitor cells. The encoded protein is activated by bone morphogenetic proteins type 1 receptor kinase, and may be involved in cancer. Alternative splicing results in multiple transcript variants.

Recommended Dilution

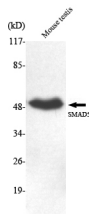
FC: 1:100 - 1:200

IF: 1:100 - 1:500

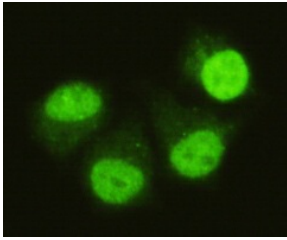
WB: 1:1000 - 1:2000

Not yet tested in other applications.

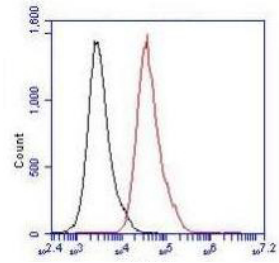
Images



Western Blot analysis using Smad5 Monoclonal antibody against mouse testis lysate.



Immunofluorescence analysis of HeLa cells using Smad5 Monoclonal antibody.



Flow cytometric analysis of Jurkat cells stained with Smad5 Monoclonal antibody (red), followed by FITC-conjugated goat anti-mouse IgG. Black line histogram represents the isotype control, normal mouse IgG.

Storage

-20°C for one year

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