

Anti-SMAD5 antibody (C-Term) [4B10-B10-B6] (STJ99081)

STJ99081

GENERAL INFORMATION

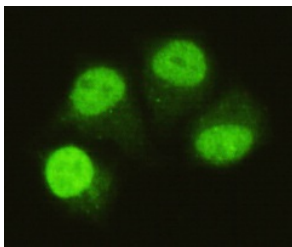
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Mothers Against Decapentaplegic Homolog 5 (C-Term) is suitable for use in Western Blot, Immunocytochemistry and Flow Cytometry research applications.
Applications	WB, ICC, FC
Host/Source	Mouse
Reactivity	Human

PRODUCT PROPERTIES

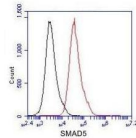
Clonality	Monoclonal
Clone ID	4B10-B10-B6
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range	WB 1:1000 ICC 1:75 FCM 1:100
Formulation	PBS, 50% Glycerol, 0.5% BSA and 0.02% Sodium Azide.
Isotype	IgG1
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

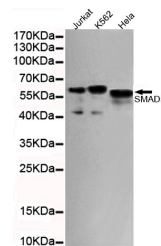
Gene ID	4090
Gene Symbol	SMAD5
Uniprot ID	SMAD5_HUMAN
Immunogen	Purified recombinant human SMAD5 (C-terminus) protein fragments expressed in E.coli.
Immunogen Region	C-Term
Specificity	SMAD5 monoclonal antibody (Mothers Against Decapentaplegic Homolog 5) binds to endogenous Mothers Against Decapentaplegic Homolog 5 at the amino acid region C-Term.
Immunogen Sequence	



Immunocytochemistry of HeLa cells using anti-SMAD5 (C-terminus) mouse mAb diluted 1:75.



Flow Cytometry analysis of Jurkat cells stained with SMAD5 (red, 1/100 dilution) - followed by FITC-conjugated goat anti-mouse IgG. Black line histogram represents the isotype control, normal mouse IgG.



Western blot detection of SMAD5 (C-terminus) in HeLa, Jurkat and K562 cell lysates using SMAD5 (C-terminus) mouse mAb (1:1000 diluted). Predicted band size: 52KDa. Observed band size: 60KDa.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081