

## Anti-SMAD5 antibody (C-Term) (STJ98549)

STJ98549

### GENERAL INFORMATION

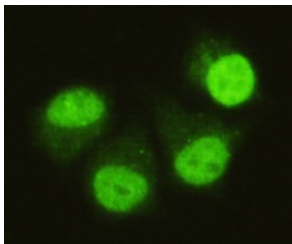
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Mothers against decapentaplegic homolog 5 (C-Term) is suitable for use in Western Blot, Immunofluorescence and Flow Cytometry research applications.
<b>Applications</b>	WB/IF/FC
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human/Mouse/Rat/Cow/Chicken/Pig/Sheep

### PRODUCT PROPERTIES

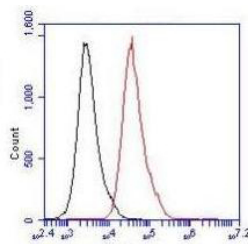
<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB 1:1000-1:2000 IF 1:100-1:500 FC 1:100-1:200
<b>Formulation</b>	Liquid in 0.1M Tris-Glycine (pH7.4, 150 mM NaCl) , 0.2% Sodium Azide and 50% Glycerol.
<b>Isotype</b>	
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

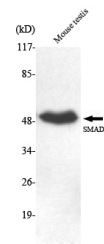
<b>Gene ID</b>	4090
<b>Gene Symbol</b>	SMAD5
<b>Uniprot ID</b>	SMAD5_HUMAN
<b>Immunogen</b>	Purified recombinant human Smad5 (C-terminus) protein fragments expressed in E.coli.
<b>Immunogen Region</b>	C-Term
<b>Specificity</b>	Smad5 Monoclonal Antibody detects endogenous levels of Smad5 protein.
<b>Immunogen Sequence</b>	



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.



Western blot analysis using Smad5 monoclonal antibody against mouse testis lysate.

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.  
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