

Anti-SMAD4 antibody [4G1C6] (STJ98385)

STJ98385

GENERAL INFORMATION

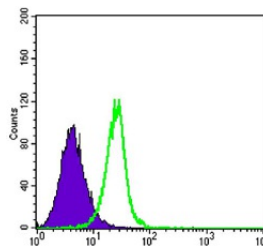
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Mothers Against Decapentaplegic Homolog 4 is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Flow Cytometry and ELISA research applications.
Applications	WB, IHC-P, IF, ICC, FC, ELISA
Host/Source	Mouse
Reactivity	Human

PRODUCT PROPERTIES

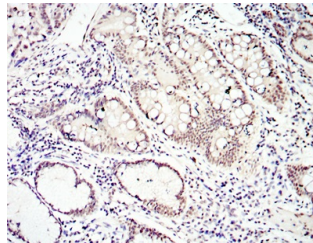
Clonality	Monoclonal
Clone ID	4G1C6
Concentration	
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range	WB 1:500-1:2000 IHC 1:200-1:1000 IF 1:200-1:1000 FC 1:200-1:400 ELISA 1:10000
Formulation	Ascitic fluid, 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
Isotype	IgG1
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

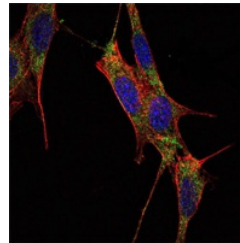
Gene ID	4089
Gene Symbol	SMAD4
Uniprot ID	SMAD4_HUMAN
Immunogen	Purified recombinant fragment of human Smad4 expressed in E.coli.
Immunogen Region	
Specificity	SMAD4 monoclonal antibody (Mothers Against Decapentaplegic Homolog 4) binds to endogenous Mothers Against Decapentaplegic Homolog 4.
Immunogen Sequence	



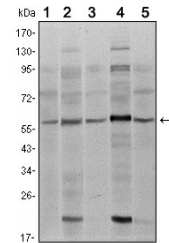
Flow cytometric analysis of K562 cells using Smad4 monoclonal antibody (green) and negative control (purple).



Immunohistochemistry analysis of paraffin-embedded lung cancer tissues with DAB staining using Smad4 monoclonal antibody.



Immunofluorescence analysis of NIH/3T3 cells using Smad4 monoclonal antibody (green). Blue: DRAG5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Western blot analysis using Smad4 monoclonal antibody against A431 (1), SK-N-SH (2), K562 (3), HepG2 (4) and HUVE12 (5) cell 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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