

Anti-SMAD2 antibody [5G7] (STJ98383)

STJ98383

GENERAL INFORMATION

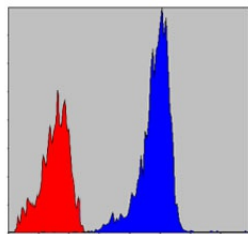
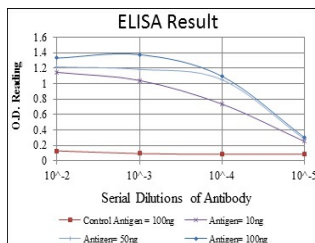
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Mothers Against Decapentaplegic Homolog 2 is suitable for use in Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, Flow Cytometry and ELISA research applications.
Applications	WB, IHC-P, IF, ICC, FC, ELISA
Host/Source	Mouse
Reactivity	Human

PRODUCT PROPERTIES

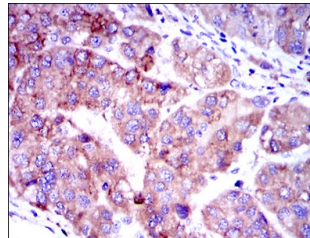
Clonality	Monoclonal
Clone ID	5G7
Concentration	Unconjugated
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution	WB 1:500-1:2000
Range	IHC 1:200-1:1000 IF 1:200-1:1000 FC 1:200-1:400 ELISA 1:10000
Formulation	Ascitic fluid, 0.03% Sodium Azide, 0.5% BSA, 50% Glycerol.
Isotype	IgG1
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

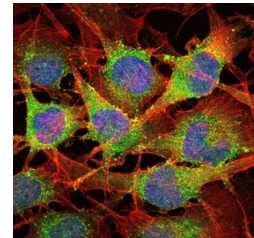
Gene ID	4087
Gene Symbol	SMAD2
Uniprot ID	SMAD2_HUMAN
Immunogen	Purified recombinant fragment of human Smad2 expressed in E.coli.
Immunogen Region	
Specificity	SMAD2 monoclonal antibody (Mothers Against Decapentaplegic Homolog 2) binds to endogenous Mothers Against Decapentaplegic Homolog 2.
Immunogen Sequence	



Flow cytometric analysis of NIH/3T3 cells using Smad2 monoclonal antibody (blue) and negative control (red).



Immunohistochemistry analysis of paraffin-embedded human liver cancer tissues with DAB staining using Smad2 monoclonal antibody.



Immunofluorescence analysis of U251 cells using Smad2 monoclonal antibody (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

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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