

Anti-SMAD2 antibody [6H5-E3-C11] (STJ99174)

STJ99174

GENERAL INFORMATION

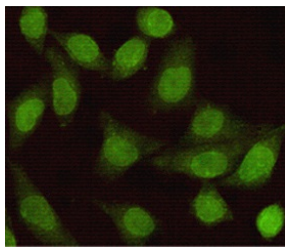
Product Type	Primary antibodies
Short Description	Mouse monoclonal antibody anti-Mothers Against Decapentaplegic Homolog 2 is suitable for use in Western Blot and Immunocytochemistry research applications.
Applications	WB, ICC
Host/Source	Mouse
Reactivity	Human

PRODUCT PROPERTIES

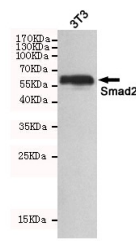
Clonality	Monoclonal
Clone ID	6H5-E3-C11
Concentration	1 mg/mL
Conjugation	Unconjugated
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Dilution Range	WB 1:500 ICC 1:100
Formulation	PBS, 50% Glycerol, 0.5% BSA and 0.02% 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

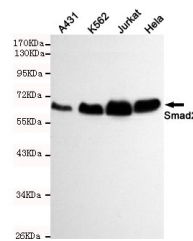
Gene ID	4087
Gene Symbol	SMAD2
Uniprot ID	SMAD2_HUMAN
Immunogen	Purified recombinant human Smad2 protein fragments expressed in E.coli.
Immunogen Region	
Specificity	SMAD2 monoclonal antibody (Mothers Against Decapentaplegic Homolog 2) binds to endogenous Mothers Against Decapentaplegic Homolog 2.
Immunogen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



Immunocytochemistry staining of HeLa cells fixed with 1% Paraformaldehyde and using Smad2 mouse mAb (dilution 1:100).



Western blot detection of Smad2 in 3T3 cell lysates using Smad2 mouse mAb (1:500 diluted). Predicted band size: 60KDa. Observed band size: 60KDa.



Western blot detection of Smad2 in HeLa, A431, Jurkat and K562 cell lysates using Smad2 mouse mAb (1:500 diluted). Predicted band size: 60KDa. 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.
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