

Anti-SMAD2 antibody (1-100) (STJ110012)

STJ110012

GENERAL INFORMATION

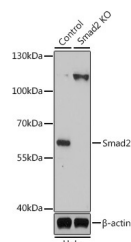
Product Type	Primary antibodies
Short Description	Rabbit polyclonal antibody anti-Smad2 (1-100) is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence.
Applications	WB, IHC, IF
Host/Source	Rabbit
Reactivity	Human, Mouse, Rat

PRODUCT PROPERTIES

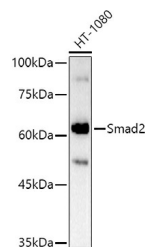
Clonality	Polyclonal
Clone ID	
Concentration	
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:200
Formulation	PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3.
Isotype	IgG
Storage Instruction	Store in a freezer at -20°C and avoid freeze-thaw cycles.

TARGET INFORMATION

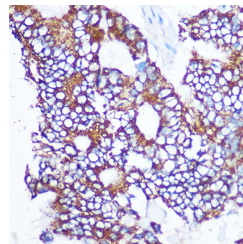
Gene ID	4087
Gene Symbol	SMAD2
Uniprot ID	SMAD2_HUMAN
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Smad2 (NP_001003652.1).
Immunogen Region	1-100
Specificity	
Immunogen Sequence	



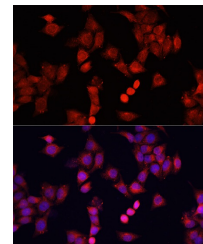
Western blot analysis of extracts from normal (control) and Smad2 knockout (KO) HeLa cells, using Smad2 antibody (STJ110012) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 5min.



Western blot analysis of extracts of HT-1080 cells, using Smad2 antibody (STJ110012) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 180s.



Immunohistochemistry of paraffin-embedded Human colon carcinoma using [KO Validated] Smad2 rabbit polyclonal antibody (STJ110012) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of HeLa cells using Smad2 antibody (STJ110012) at dilution of 1:100. Blue: DAPI for nuclear staining.

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