

Anti-SMAD3 antibody (100-200) [S2MR] (STJ11101652)

STJ11101652

GENERAL INFORMATION

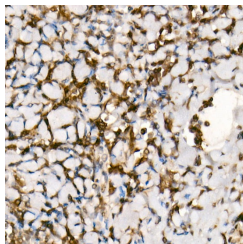
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IP/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

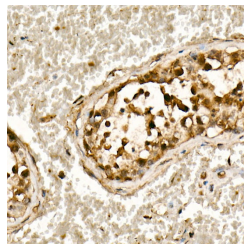
Clonality	Monoclonal
Clone ID	S2MR
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Protein A
Dilution Range	WB:1:20000-1:80000 IHC-P:1:200-1:2000 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirem
Formulation	PBS with 0.05% Proclin300, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

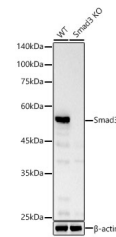
Gene ID	4088
Gene Symbol	SMAD3
Uniprot ID	SMAD3_HUMAN
Immunogen	
Immunogen Region	100-200
Specificity	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human Smad3 (NP_005893.1).
Immunogen Sequence	HHELRAMELCEFAFNMKKDE VCVNPYHYQRVETVLPVPL VPRHTEIPAEPPLDDYSHS IPENTNFPAGIEPQSNIPET PPPGYLSDEGETSDHQMNHS M



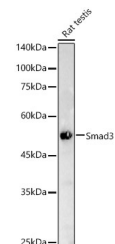
Immunohistochemistry analysis of Smad3 in paraffin-embedded human tonsil using [KO Validated] Smad3 Rabbit monoclonal antibody (STJ11101652) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of Smad3 in paraffin-embedded human testis using [KO Validated] Smad3 Rabbit monoclonal antibody (STJ11101652) at dilution of 1:200 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with immunohistochemistry staining protocol.



Western blot analysis of lysates from wild type (WT) and Smad3 Rabbit monoclonal antibody knockout (KO) HCT116 (KO) cells, using Smad3 Rabbit monoclonal antibody (STJ11101652) at 1:20000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000656) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.



Western blot analysis of lysates from Rat testis, using Smad3 Rabbit monoclonal antibody (STJ11101652) at 1:20000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000656) at 1:10000 dilution. Lysates/proteins: 25 Mu g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.