

SMAD2 / SMAD3 antibody

Cat. No. GTX111123

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P, FCM, IP, ChIP assay
Reactivity	Human, Mouse, Rat

References (12)

★★★★★ Review (2)

Package

100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:20000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
FCM	Assay dependent
IP	1:1000-1:1000
ChIP assay	Assay dependent

Not tested in other applications.

Calculated MW 48 kDa. ([Note](#))

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	0.75 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human SMAD2 / SMAD3. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

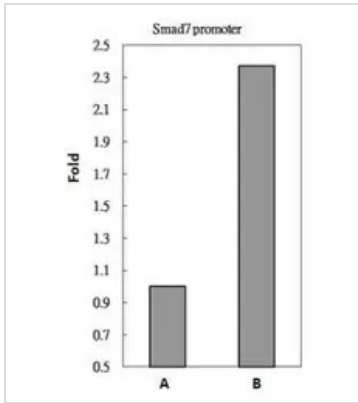


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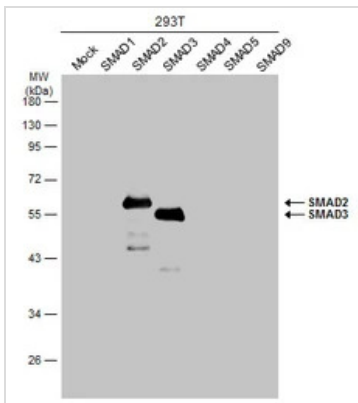
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Note

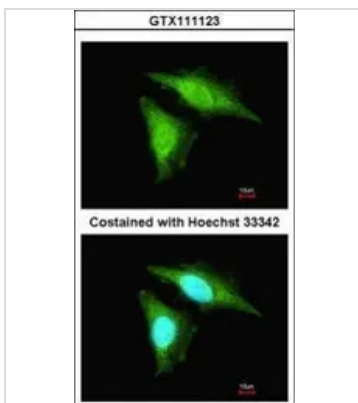
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DATA IMAGES

GTX111123 ChIP assay Image

SMAD2 / SMAD3 antibody immunoprecipitates SMAD2 / SMAD3 protein-DNA in ChIP experiments. ChIP Sample: HeLa whole cell lysate/extract A. 5 µg preimmune rabbit IgG B. 5 µg of SMAD2 / SMAD3 antibody (GTX111123) The precipitated DNA was detected by PCR with primer set targeting to smad7 promoter.


GTX111123 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with SMAD2 / SMAD3 antibody (GTX111123) diluted at 1:20000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX111123 ICC/IF Image

Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using SMAD2 / SMAD3 (GTX111123) antibody at 1:200 dilution.



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