

**Product Name: Phospho-Smad2 (Ser255) Rabbit
Monoclonal Antibody
Catalog #: AMRe84849**

Summary

Production Name	Phospho-Smad2 (Ser255) Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP,IHC
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Phosphorylated
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	Phospho-Smad2 (Ser255)
Alternative Names	SMAD2; MADH2; MADR2; Mothers against decapentaplegic homolog 2; MAD homolog 2; Mothers against DPP homolog 2; JV18-1; Mad-related protein 2; hMAD-2; SMAD family member 2; SMAD 2; Smad2; hSMAD2
Gene ID	4087.0
SwissProt ID	Q15796.A synthetic phosphopeptide corresponding to residues surrounding Ser255 of human Smad2

Application

Dilution Ratio	WB:1:500-1:1000,IP:1:10-1:20,IHC:1:50-1:100
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Molecular Weight

Calculated MW: 52 kDa; Observed MW: 60 kDa

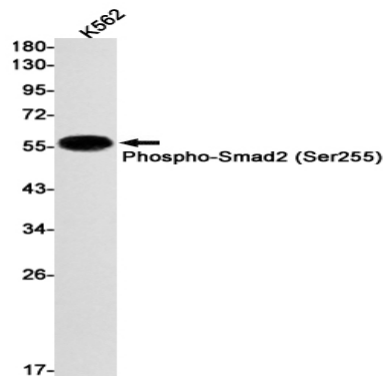
Background

The protein encoded by this gene belongs to the SMAD, a family of proteins similar to the gene products of the Drosophila gene 'mothers against decapentaplegic' (Mad) and the C. elegans gene Sma. SMAD proteins are signal transducers and transcriptional modulators that mediate multiple signaling pathways.

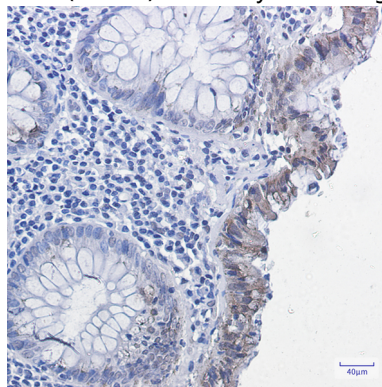
Research Area

TGF-beta signaling pathway, Hippo signaling pathway

Image Data



Western blot analysis of Phospho-Smad2 (Ser255) in K562 lysates using Phospho-Smad2 (Ser255) antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using Phospho-Smad2 (Ser255) antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note



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For research use only.