

Product Name: Smad2 (6H5) Mouse Monoclonal Antibody
Catalog #: AMM03490

Summary

Production Name	Smad2 (6H5) Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB, ICC/IF
Reactivity	Human, Mouse

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Immunogen

Gene Name	SMAD2
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
SwissProt ID	Q15796.

Application

Dilution Ratio	WB: 1:500-1:1000 IF: 1:50-1:200
Molecular Weight	Calculated MW: 52 kDa; Observed MW: 60 kDa

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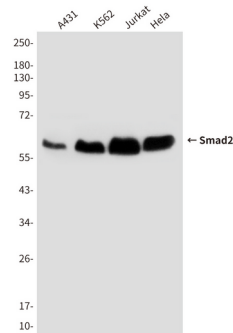
Background

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.

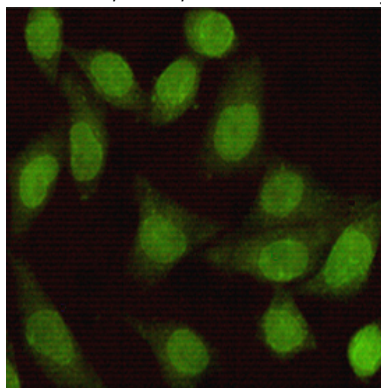
Research Area

Signal Transduction

Image Data

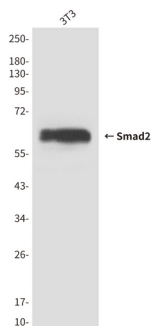


Western blot analysis of Smad2 in HeLa, A431, Jurkat and K562 lysates using Smad2 antibody.



Immunocytochemistry analysis of Smad2 (6H5) in HeLa using Smad2 antibody.

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Western blot analysis of Smad2 (6H5) in 3T3 lysates using Smad2 antibody.

Note

For research use only.