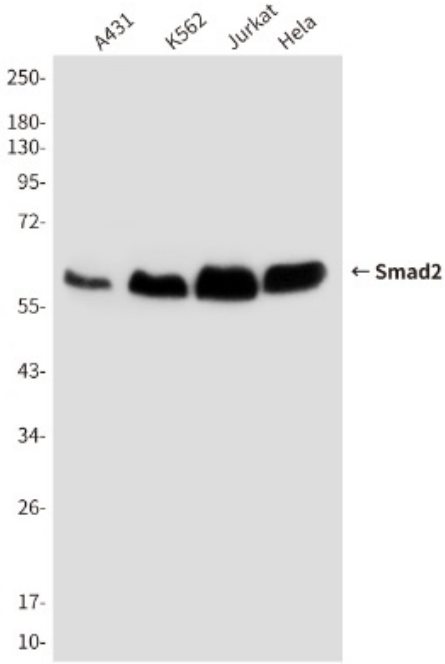
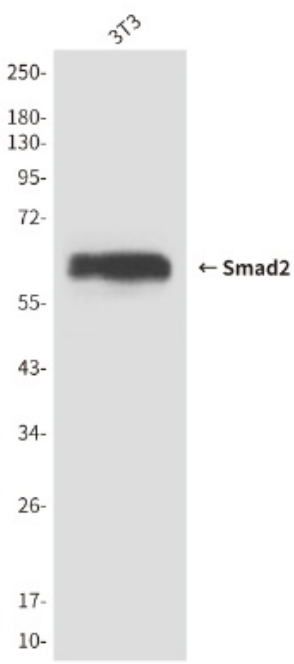
	<h1>Smad2 (6H5) Mouse mAb</h1>	E 2 2 0 0 7 9 0
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Research Area:	Autophagy antibody Cancer Cardiovascular Cell Biology Epigenetics & Nuclear Signaling Developmental Biologys Immunology Drug Discovery Products Metabolism Neuroscience Signal Transduction Stem Cells
Antibody type:	Monoclonal Antibody
Applications:	WB,ICC/IF
Reactivity:	Human,Mouse
Molecular Weight:	Calculated MW: 52 kDa; Observed MW: 60 kDa
Immunogen:	Purified recombinant human Smad2 protein fragments expressed in E.coli.
Gene ID:	4087
Swiss-Prot No.:	Q15796
Altername:	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
Source:	Mouse
Isotype:	IgG1
Clone Number:	6H5-E3-C11
	Store at 4°C short term. Aliquot and store at -20°C long term.

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Storage/Stability:	Avoid freeze/thaw cycles.
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.
Shipping&Stablity:	Aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Product Type:	Primary Antibody
Purification:	Affinity Purified
Gene Name:	SMAD2
Recommended Dilutions:	WB: 1/500-1/1000 IF: 1/50-1/200
Form of Antibody:	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
	 <p>Western blot analysis of Smad2 in A431, K562, Jurkat and HeLa cell lines. The blot shows a single band for Smad2 at approximately 66 kDa in all four lanes. Molecular weight markers are indicated on the left: 250, 180, 130, 95, 72, 55, 43, 34, 26, 17, and 10 kDa.</p>
	Western blot analysis of Smad2 in HeLa, A431, Jurkat and

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	K562 lysates using Smad2 antibody.
	
	Western blot analysis of Smad2 (6H5) in 3T3 lysates using Smad2 antibody.