

# Smad2(Phospho-Thr220) Antibody

Catalog No: #11323

Package Size: #11323-1 50ul #11323-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

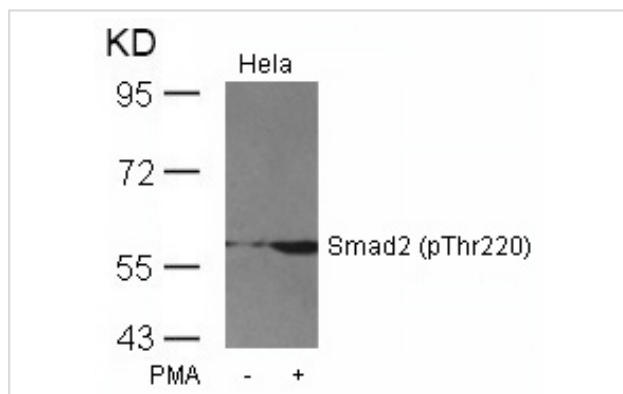
Product Name	Smad2(Phospho-Thr220) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of Smad2 only when phosphorylated at threonine 220.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of threonine 220 (P-E-T(p)-P-P) derived from Human Smad2.
Target Name	Smad2
Modification	Phospho
Other Names	JV18-1; MADH2; MADR2; Mad-related protein 2; Mothers against DPP homolog 2
Accession No.	Swiss-Prot: Q15796NCBI Protein: NP_001003652.1
Concentration	1.0mg/ml
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

## Application Details

Predicted MW: 60kd

Western blotting: 1:500~1:1000

## Images



Western blot analysis of extracts from HeLa cells untreated or treated with PMA using Smad2(Phospho-Thr220) Antibody #11323.

## Background

---

Transcriptional modulator activated by TGF-beta and activin type 1 receptor kinase. SMAD2 is a receptor-regulated SMAD (R-SMAD). May act as a tumor suppressor in colorectal carcinoma.

Sang Gyun Kim et al. (2004) Mol Biol Cell. February; 15(2): 420

---

Note: This product is for in vitro research use only and is not intended for use in humans or animals.