Product Datasheet

Smad2(Phospho-Ser467) Antibody

Catalog No: #11322

Package Size: #11322-1 50ul #11322-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	Smad2(Phospho-Ser467) 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 chromatogramphy using non-phosphopeptide.
Applications	WB IHC
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of Smad2 only when phosphorylated at serine 467.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 467 (C-S-S-M-S(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 Mg2+ and Ca2+), 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.

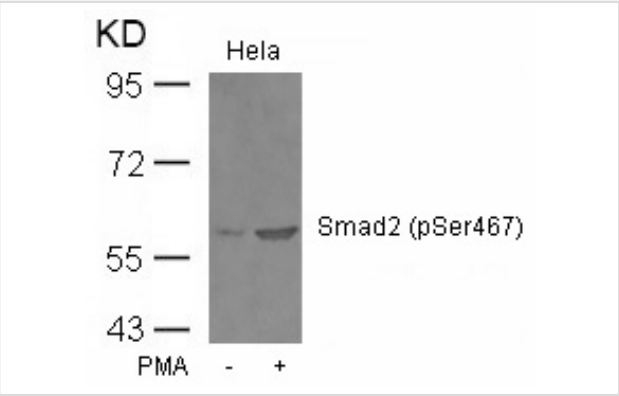
Application Details

Predicted MW: 60kd

Western blotting: 1:500~1:1000

IHC 1:50-1:200

Images



Western blot analysis of extracts from Hela cells untreated or treated with PMA using Smad2(Phospho-Ser467) Antibody #11322.

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.
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23527070, , (2013)

PMID:23527070

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