

Smad2 (Phospho-Ser250) Rabbit mAb

Catalog No: #14211

Package Size: #14211-1 50ul #14211-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

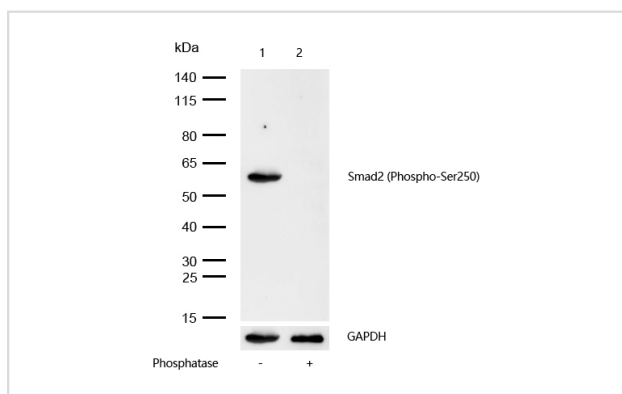
Product Name	Smad2 (Phospho-Ser250) Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB
Species Reactivity	Human;Mouse;Rat
Specificity	Phospho-Smad2 (S250) Antibody detects endogenous levels of Phospho-Smad2 (S250)
Immunogen Description	A synthesized peptide derived from human Smad2
Conjugates	Unconjugated
Other Names	JV18-1, MADH2, MADR2, Mad-related protein 2, Mothers against DPP homolog 2, Mothers against decapentaplegic homolog 2, Smad 2;
Accession No.	Uniprot:Q15796
Calculated MW	52 kDa
SDS-PAGE MW	58 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB:1:1000~1:2000

FC:1:20

Images



All lanes: Smad2 (Phospho-Ser250) Rabbit mAb at 1/1k dilution

Lane 1 : Hela whole cell lysates

Lane 2 : Hela treated with alkaline phosphatase whole cell lysates

Lysates/proteins at 20 µg per lane.

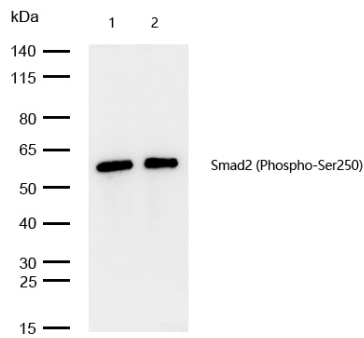
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 52 kDa

Observed band size: 58 kDa

Exposure time: 7 seconds



All lanes: Smad2 (Phospho-Ser250) Rabbit mAb at 1/1k dilution

Lane 1 : Mouse brain lysates

Lane 2 : Rat brain lysates

Lysates/proteins at 20 µg per lane.

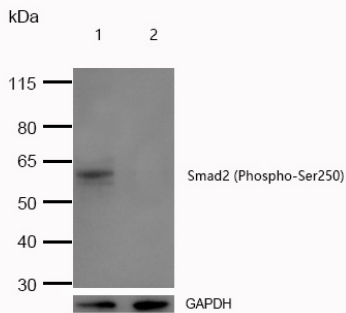
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 52 kDa

Observed band size: 58 kDa

Exposure time: 10 seconds



All lanes :Smad2 (Phospho-Ser250) Rabbit mAb at 1/1k dilution

Lane 1 : Wild-type HT-1080 cell lysate

Lane 2 : Smad2 (Phospho-Ser250) knockdown HT-1080 cell lysate

Lysates/proteins at 20 µg per lane.

Product Description

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.

Published Papers

Akai Mizuki;Kawami Masashi;Takano Mikiyoshi;Takenaka Shinnosuke;Yumoto Ryoko et al., Characterization of miR-34a-Induced Epithelial β Mesenchymal Transition in Non-Small Lung Cancer Cells Focusing on p53, , (2021)

[PMID:34944497](https://pubmed.ncbi.nlm.nih.gov/34944497/)

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