

## Smad4 Rabbit mAb

Catalog No: #58527

Package Size: #58527-1 50ul #58527-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

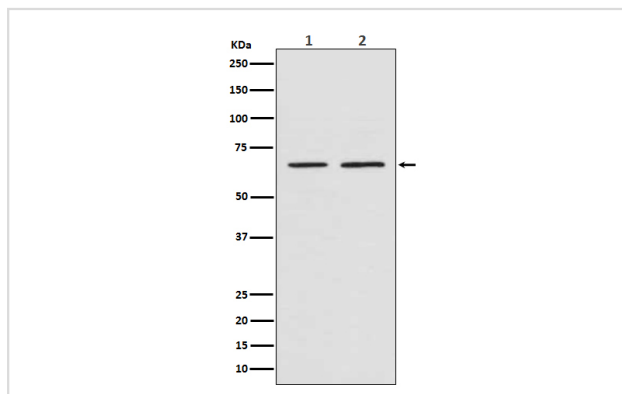
## Description

Product Name	Smad4 Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC
Species Reactivity	Human Mouse Rat
Specificity	Smad4 Antibody detects endogenous levels of total Smad4
Immunogen Description	A synthesized peptide derived from human Smad4
Other Names	MAD homolog 4; MAD, mothers against decapentaplegic homolog 4; MADH4; Mothers against decapentaplegic homolog 4; DPC4; hSMAD4; JIP;
Accession No.	Uniprot:Q13485
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Calculated MW	65 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.

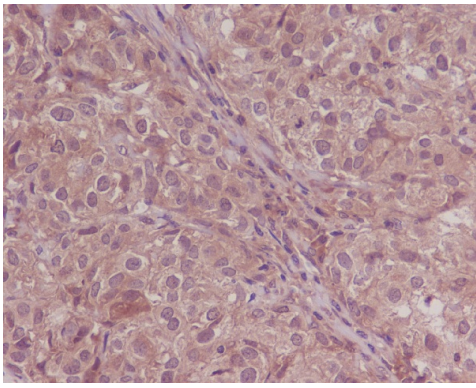
## Application Details

WB 1:500~1:2000 IHC 1:50~1:200

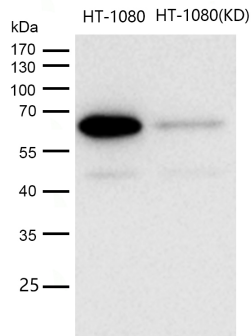
## Images



Western blot analysis of SMAD4 expression in (1) SH-SY5Y cell lysate; (2) NIH/3T3 cell lysate.



Immunohistochemical analysis of paraffin-embedded human breast cancer, using Smad4 Antibody.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

## Product Description

Smad4 transcription factor that mediates signal transduction by the transforming growth factor superfamily. The common smad (co-smad). Binds directly to consensus DNA-binding elements in the promoters of target genes. Promotes binding of the Smad2/Smad4/Fast-1 complex to DNA and provides an activation function required for Smad1 or Smad2 to stimulate transcription.

## Background

Smad4 transcription factor that mediates signal transduction by the transforming growth factor superfamily. The common smad (co-smad). Binds directly to consensus DNA-binding elements in the promoters of target genes. Promotes binding of the Smad2/Smad4/Fast-1 complex to DNA and provides an activation function required for Smad1 or Smad2 to stimulate transcription.

Note: This product is for in vitro research use only