

## 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;ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	Smad4 Antibody detects endogenous levels of total Smad4
Conjugates	Unconjugated
Other Names	MAD homolog 4; MAD, mothers against decapentaplegic homolog 4; MADH4; Mothers against decapentaplegic homolog 4; DPC4; hSMAD4; JIP;
Accession No.	Q13485
Calculated MW	60 kDa
SDS-PAGE 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.

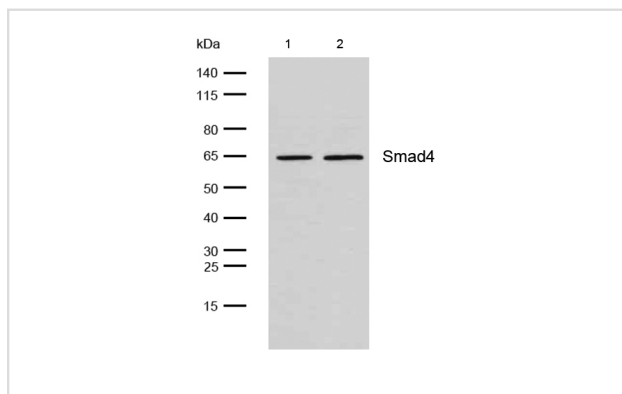
## Application Details

WB: 1:500-1:2000

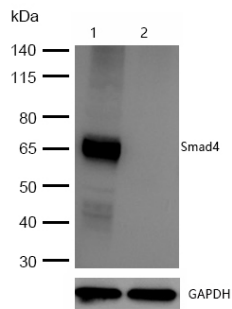
IHC: 1:50-1:200

ICC/IF: 1:50-1:200

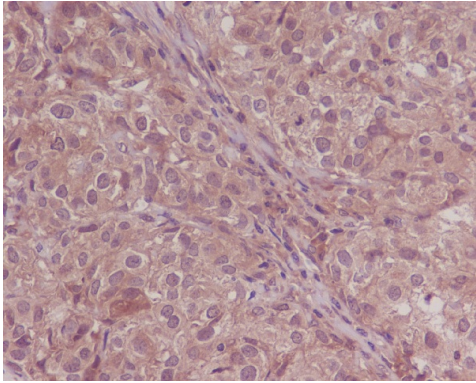
## Images



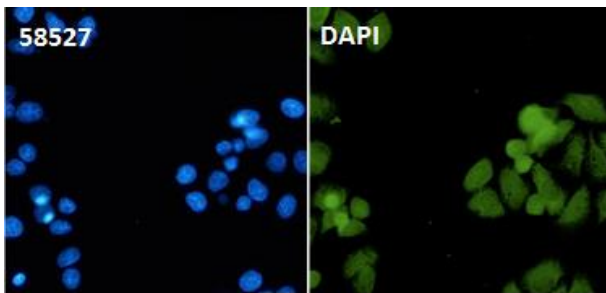
All lanes: Smad4 Rabbit mAb at 1/1k dilution  
 Lane 1 : SH-SY5Y whole cell lysates  
 Lane 2 : 3T3 whole cell lysates  
 Lysates/proteins at 20 µg per lane.  
 Secondary All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution  
 Predicted band size: 60 kDa  
 Observed band size: 65 kDa  
 Exposure time: 3 seconds



All lanes: Smad4 Rabbit mAb at 1/1k dilution  
 Lane 1 : Wild-type HeLa cell lysate  
 Lane 2 : Smad4 knockdown HeLa cell lysate  
 Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human breast cancer tissue stained for Smad4 using 58527 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence Smad4 antibody (58527) ICC/IF staining of Smad4 in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100. Samples were incubated with 58527 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500. Nuclei were counterstained with DAPI.

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