

Smad1 Rabbit mAb

Catalog No: #48784

Package Size: #48784-1 50ul #48784-2 100ul

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

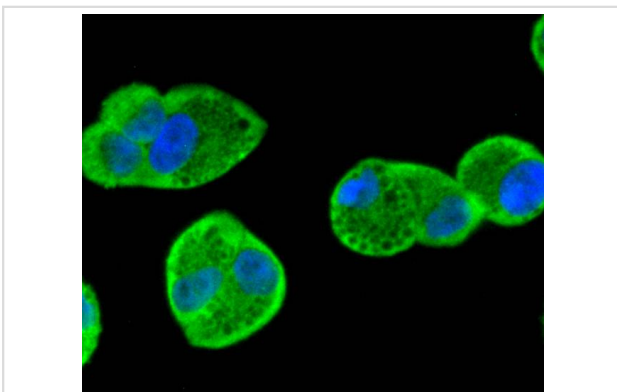
Description

Product Name	Smad1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SY0254
Purification	ProA affinity purified
Applications	WB, ICC/IF
Species Reactivity	Hu, Ms
Immunogen Description	recombinant protein
Other Names	BSP-1 antibody BSP1 antibody HsMAD1 antibody JV4-1 antibody JV41 antibody MAD homolog 1 antibody MAD mothers against decapentaplegic homolog 1 antibody Mad related protein 1 antibody Mad-related protein 1 antibody MADH1 antibody MADR1 antibody Mothers against decapentaplegic homolog 1 antibody Mothers against DPP homolog 1 antibody SMA- AND MAD-RELATED PROTEIN 1 antibody SMAD 1 antibody SMAD family member 1 antibody SMAD mothers against DPP homolog 1 antibody Smad1 antibody SMAD1_HUMAN antibody TGF beta signaling protein 1 antibody Transforming growth factor-beta-signaling protein 1 antibody
Accession No.	Swiss-Prot#:Q15797
Uniprot	Q15797
GeneID	4086;
Calculated MW	52 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

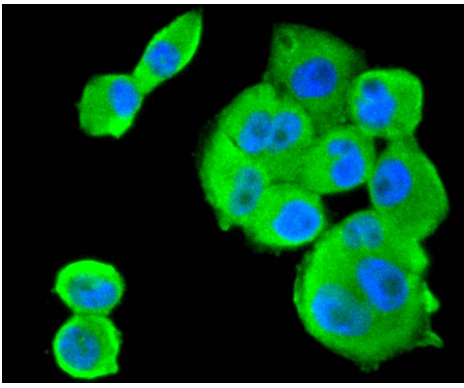
Application Details

WB: 1:500-1:1000 ICC: 1:100-1:500

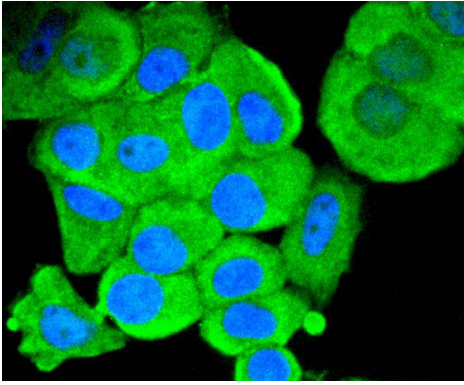
Images



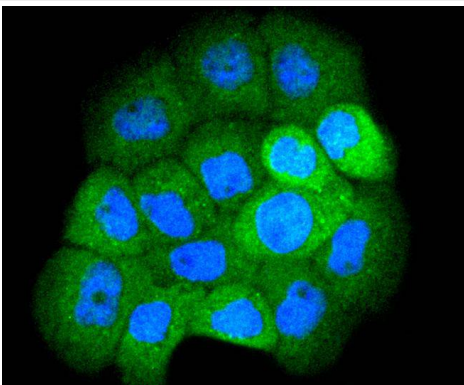
ICC staining Smad1 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Smad1 in PANC-1 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Smad1 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC staining Smad1 in A431 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

Background

Smad proteins, the mammalian homologs of the *Drosophila* Mothers against dpp (*Mad*) have been implicated as downstream effectors of TGF β /BMP signaling. Smad1 (also designated *Madr1* or *JV4-1*), Smad5 and mammalian Smad8 (also designated *Smad9* or *MADH6*) are effectors of BMP2 and BMP4 function while Smad2 (also designated *Madr2* or *JV18-1*) and Smad3 are involved in TGF β and activin-mediated growth modulation. Smad4 (also designated *DPC4*) has been shown to mediate all of the above activities through interaction with various Smad family members. Smad6 and Smad7 regulate the response to activin/TGF β signaling by interfering with TGF β -mediated phosphorylation of other Smad family members.

References

Note: This product is for in vitro research use only