

Smad1 Rabbit mAb

Catalog No: #48784

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



Signalway Antibody

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

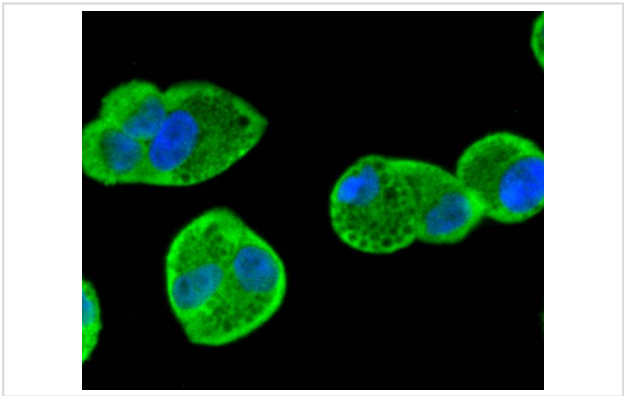
Description

Product Name	Smad1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Clone No.	SY0254
Purification	ProA affinity purified
Applications	WB, ICC/IF
Species Reactivity	Hu, Ms
Immunogen Description	recombinant protein
Conjugates	Unconjugated
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
Calculated MW	52 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

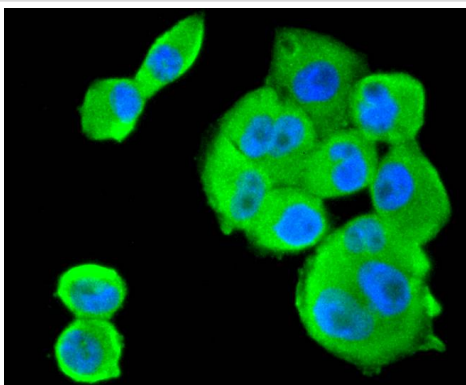
Application Details

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

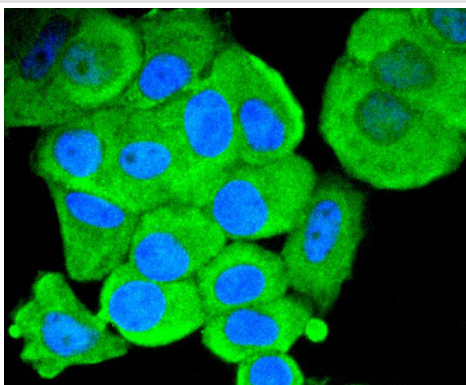
Images



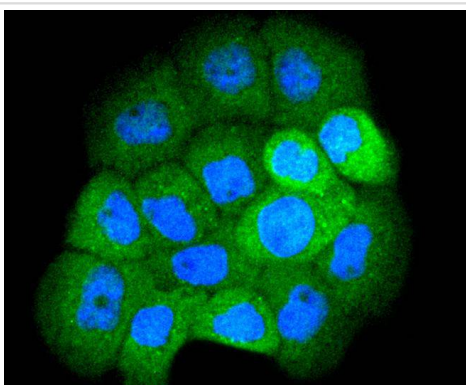
ICC staining Smad1 in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



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 and is not intended for use in humans or animals.