

Smad3 (Phospho-Ser423/Ser425) Rabbit mAb

Catalog No: #14138

Package Size: #14138-1 50ul #14138-2 100ul

Description

Product Name	Smad3 (Phospho-Ser423/Ser425) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	SR1995
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB, ICC/IF, IHC
Species Reactivity	Hu, Ms, Rt
Specificity	Phospho-Smad3 (S423 + S425) Antibody detects endogenous levels of total Phospho-Smad3 (S423 + S425)
Immunogen Description	A synthesized peptide derived from human Phospho-Smad3 (S423 + S425)
Conjugates	Unconjugated
Other Names	JV15-2, MAD-3, MADH3, Mad3, Mothers against DPP homolog 3, Mothers against decapentaplegic homolog 3, SMAD 3, Smad 3
Accession No.	Uniprot:P84022
Calculated MW	Predicted band size: 48 kDa
SDS-PAGE MW	Observed band size: 52 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4Λ C short term. Store at -20Λ C long term. Avoid freeze / thaw cycle.

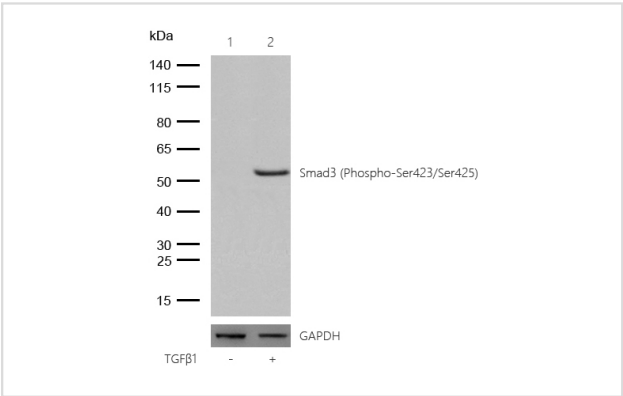
Application Details

WB: 1:500-1:2000

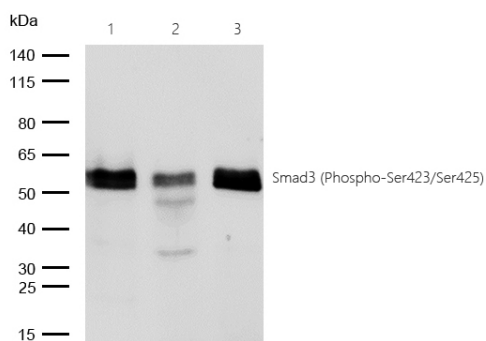
ICC/IF: 1:50-1:200

IHC: 1:50-1:200

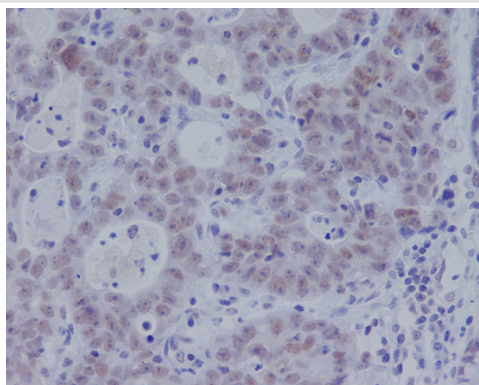
Images



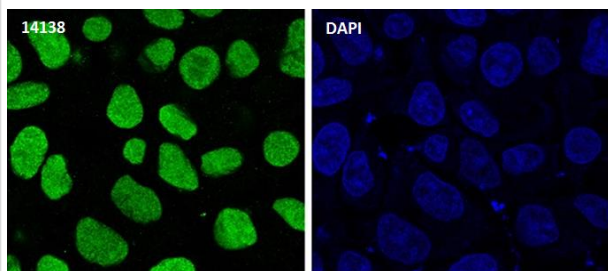
All lanes :Smad3 (Phospho-Ser423/Ser425) Rabbit mAb at 1/1k dilution
Lane 1 : A549 whole cell lysates
Lane 2 : A549 treated with 20 ng/mL TGFβ1 for 15 minutes whole cell lysates
Lysates/proteins at 20 µg per lane.
SecondaryAll lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution
Predicted band size: 48 kDa Observed band size: 52 kDa
Exposure time: 5 seconds



All lanes :Smad3 (Phospho-Ser423/Ser425) Rabbit mAb at 1/1k dilution
 Lane 1 : Raw264.7 whole cell lysates
 Lane 2 : 3T3 whole cell lysates
 Lane 3 : PC12 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: 48 kDa Observed band size: 52 kDa
 Exposure time: 5 seconds



Formalin-fixed, paraffin-embedded human gastric adenocarcinoma tissue stained for Smad3 (Phospho-Ser423/Ser425) using 14138 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence Smad3 (Phospho-Ser423/Ser425) antibody (14138)
 ICC/IF staining of Smad3 (Phospho-Ser423/Ser425) in A549 cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100. Samples were incubated with 14138 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.