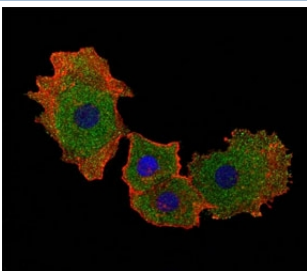


SMAD9 Antibody (F44277)

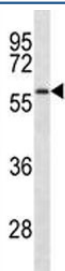
Catalog No.	Formulation	Size
F44277-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F44277-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	O15198
Applications	Western Blot : 1:1000 Immunofluorescence : 1:10-1:50
Limitations	This SMAD9 antibody is available for research use only.



Fluorescent confocal image of MCF-7 cell stained with SMAD9 antibody at 1:25. SMAD9 immunoreactivity is localized to the cytoplasm and nucleus.



SMAD9 antibody western blot analysis in A549 lysate.

Description

The protein encoded by this gene is a member of the SMAD family, which transduces signals from TGF-beta family members. The encoded protein is activated by bone morphogenetic proteins and interacts with SMAD4. Two transcript variants encoding different isoforms have been found for this gene.

Application Notes

Titration of the SMAD9 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 200-228 from the human protein was used as the immunogen for this SMAD9 antibody.

Storage

Aliquot the SMAD9 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.