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## anti-SMAD9 antibody





#### Overview

Quantity:	100 μL
Target:	SMAD9
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SMAD9 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

#### **Product Details**

Immunogen:	Recombinant protein encompassing a sequence within the center region of human SMAD9.  The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Rabbit Polyclonal antibody to SMAD9 (SMAD family member 9) SMAD9 antibody
Purification:	Purified by antigen-affinity chromatography.

## **Target Details**

Target:	SMAD9
Alternative Name:	SMAD family member 9 (SMAD9 Products)

## **Target Details**

Molecular Weight:	52 kDa
Gene ID:	4093
UniProt:	015198

## **Application Details**

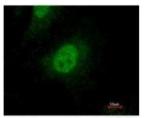
Application Notes:	WB: 1:500-1:3000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.68 mg/mL

Buffer:	0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal
Preservative:	Thimerosal (Merthiolate)

Precaution of Use:	This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE
	which should be handled by trained staff only.

Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage

(1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

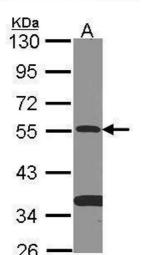


Costained with Hoechst 33342



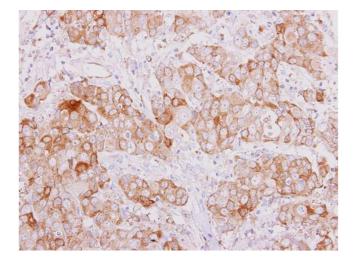
## Immunofluorescence

**Image 1.** ICC/IF Image Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using SMAD9, antibody at 1:500 dilution.



#### **Western Blotting**

Image 2. WB Image Sample (30 ug of whole cell lysate) A: NT2D1 10% SDS PAGE antibody diluted at 1:500



### **Immunohistochemistry**

**Image 3.** IHC-P Image SMAD9 antibody detects SMAD9 protein at cytoplasm on human breast carcinoma by immunohistochemical analysis. Sample: Paraffin-embedded human breast carcinoma. SMAD9 antibody , diluted at 1:500.