

SMAD9 Conjugated Antibody

Catalog No: #C37419



Package Size: #C37419-AF350 100ul #C37419-AF405 100ul #C37419-AF488 100ul
 #C37419-AF555 100ul #C37419-AF594 100ul #C37419-AF647 100ul
 #C37419-AF680 100ul #C37419-AF750 100ul #C37419-Biotin 100ul

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Description

Product Name	SMAD9 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total SMAD9 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human SMAD family member 9
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	PPH2; MADH6; MADH9; SMAD8; SMAD8A; SMAD8B
Accession No.	Swiss-Prot#:O15198 NCBI Gene ID:4093NCBI mRNA#:NCBI Protein#:NP_005893
Uniprot	O15198
GeneID	4093;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	52
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

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.

Note: This product is for in vitro research use only