

## Smad1 (Ab-187) Conjugated Antibody

Catalog No: #C33163



Package Size: #C33163-AF350 100ul #C33163-AF405 100ul #C33163-AF488 100ul  
 #C33163-AF555 100ul #C33163-AF594 100ul #C33163-AF647 100ul  
 #C33163-AF680 100ul #C33163-AF750 100ul #C33163-Biotin 100ul

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## Description

Product Name	Smad1 (Ab-187) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total Smad1 protein
Immunogen Description	Synthesized non-phosphopeptide derived from human Smad1 around the phosphorylation site of serine 187 (P-H-S(p)-P-N).
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	BSP-1;BSP1;Dwarfin-A;Dwf-A;JV4-1
Accession No.	Swiss-Prot#:Q15797NCBI Gene ID:4086
Uniprot	Q15797
GeneID	4086;
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	60
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

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## Product Description

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The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Background

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Transcriptional modulator activated by BMP (bone morphogenetic proteins) type 1 receptor kinase. SMAD1 is a receptor-regulated SMAD (R-SMAD). SMAD1/OAZ1/PSMB4 complex mediates the degradation of the CREBBP/EP300 repressor SNIP1.

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Note: This product is for in vitro research use only