IKB alpha(Phospho-S32) Conjugated Antibody

Catalog No: #C13376

Package Size: #C13376-AF350 100ul #C13376-AF405 100ul #C13376-AF488 100ul #C13376-AF555 100ul #C13376-AF594 100ul #C13376-AF647 100ul #C13376-AF680 100ul #C13376-AF750 100ul #C13376-Biotin 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	IKB alpha(Phospho-S32) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	BSP-1 antibody BSP1 antibody HsMAD1 antibody JV4-1 antibody JV41 antibody MAD homolog 1 antibody MAD mothers against decapentaplegic homolog 1 antibody Mad related protein 1 antibody Mad-related protein 1 antibody MADH1 antibody MADR1 antibody Mothers against decapentaplegic homolog 1 antibody Mothers against DPP homolog 1 antibody SMA- AND MAD-RELATED PROTEIN 1 antibody SMAD 1 antibody SMAD family member 1 antibody SMAD mothers against DPP homolog 1 antibody Smad1 antibody SMAD1_HUMAN antibody TGF beta signaling protein 1 antibody Transforming growth factor-beta-signaling protein 1 antibody
Accession No.	Swiss-Prot#:Q15797
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	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

Smad proteins, the mammalian homologs of the Drosophila Mothers against dpp (Mad) have been implicated as downstream effectors of TGFβ/BMP signaling. Smad1 (also designated Madr1 or JV4-1), Smad5 and mammalian Smad8 (also designated Smad9 or MADH6) are effectors of BMP2 and BMP4 function while Smad2 (also designated Madr2 or JV18-1) and Smad3 are involved in TGFβ and activin-mediated growth modulation. Smad4 (also designated DPC4) has been shown to mediate all of the above activities through interaction with various Smad family members. Smad6 and Smad7 regulate the response to activin/TGFβ signaling by interfering with TGFβ-mediated phosphorylation of other Smad family members.

Note: This product is for in vitro research use only