STAT3(Phospho-Tyr705) Conjugated Antibody

Catalog No: #C13344

Package Size: #C13344-AF350 100ul #C13344-AF405 100ul #C13344-AF488 100ul #C13344-AF555 100ul #C13344-AF594 100ul #C13344-AF647 100ul #C13344-AF680 100ul #C13344-AF750 100ul #C13344-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	STAT3(Phospho-Tyr705) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Dickkopf 1 antibody Dickkopf 1 homolog antibody Dickkopf 1 like antibody Dickkopf homolog 1 antibody Dickkopf like protein 1 antibody Dickkopf related protein 1 antibody Dickkopf WNT signaling pathway inhibitor 1 antibody Dickkopf-1 antibody Dickkopf-related protein 1 antibody DKK 1 antibody Dkk-1 antibody Dkk1 antibody DKK1_HUMAN antibody hDkk 1 antibody hDkk-1 antibody SK antibody
Accession No.	Swiss-Prot#:O94907
Uniprot	O94907
GeneID	22943;
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	38
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 Wnt genes are a group of well conserved, cysteine-rich secreted glycoproteins that are required for numerous developmental processes including embryogenesis, asymmetric cell division and central nervous system (CNS) patterning. Wnt association with the seven membrane spanning receptor frizzled activates dishevelled, which downregulates glycogen synthase kinase (GSK) through serine phosphorylation, causing the accumulation of b-catenin and subsequent regulation of developmentally significant Wnt |target genes. The Dickkopf family of secreted inhibitors of Wnt signaling ensures proper morphological development by antagonizing different stages of the Wnt cascade. Dkk-1 (Dickkopf-1) acts upstream of b-catenin and dishevelled to inhibit Wnt signaling. Dkk-1 is a 266-amino acid (human), secreted protein that contains a 31-residue N-terminal signal peptide, 2 cysteine rich domains, and a putative carboxy terminal N-glycosylation site. Human Dkk-1 transcripts are abundantly present in fetal kidney, adult placenta and adult prostate. Putative cis regulatory elements upstream of the Dkk-1 start site include p53, Sp1, MyoD, STAT, Oct-1/2, C/EBP-a, C/EBP-b, GATA-1, GATA-2 and GATA-3.

Note: This product is for in vitro research use only