TAK1 Conjugated Antibody

Catalog No: #C49607

Package Size: #C49607-AF350 100ul #C49607-AF405 100ul #C49607-AF488 100ul #C49607-AF555 100ul #C49607-AF594 100ul #C49607-AF647 100ul #C49607-AF680 100ul #C49607-AF750 100ul #C49607-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	TAK1 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	M3K7_HUMAN antibody MAP3K 7 antibody Map3k7 antibody MEKK7 antibody Mitogen activated protein kinase kinase kinase 7 antibody Mitogen-activated protein kinase kinase kinase 7 antibody TAK1 antibody TGF beta activated kinase 1 antibody TGF-beta-activated kinase 1 antibody TGF1a antibody Transforming growth factor beta activated kinase 1 antibody Transforming growth factor-beta-activated kinase 1 antibody
Accession No.	Swiss-Prot#:O43318
Uniprot	O43318
GeneID	6885;
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	67 kDa
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

Several serine / threonine protein kinases have been implicated as intermediates in signal transduction pathways. These include ERK / MAP kinases, ribosomal S6 kinase (Rsk) and Raf-1. Raf-1 is a protein with intrinsic kinase activity towards serine / threonine residues and Which is expressed expression in many human types and cell lines. Raf-1 activation is dependent on the small molecular weight GTPase Ras, but the means by which this activation is poorly understood. Two proteins put put involved in this process are Ksr-1 and Taks. Ksr-1 (kinase sup-pressor of Ras) is a novel Raf-related protein kinase whose function is required for Ras signal transduction. Whether or not in a parallel pathway is not yet known. Tak1 (TGFβ-activated kinase) has been shown to participate in the activation of the MAP kinase family in response to TGFβ stimulation.

Note: This product is for in vitro research use only