Product Datasheet

TAK1 Rabbit mAb

Catalog No: #49607

Package Size: #49607-1 50ul #49607-2 100ul

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

Description

Product Name	TAK1 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JM73-19
Purification	ProA affinity purified
Applications	WB, ICC/IF, IHC, FC
Species Reactivity	Hu, Ms
Immunogen Description	Recombinant protein
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;
Calculated MW	67 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500IHC: 1:50-1:100 ICC: 1:50-1:100FC: 1:50-1:100

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.

References

Note: This product is for in vitro research use only