CSNK1D Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CSNK1D, Monoclonal Antibody
Full Product Name	CSNK1D (Casein Kinase I, delta Isoform, CKI-delta, CKId) (MaxLight 490)
Product Gene Name	anti-CSNK1D antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	4H8
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight490.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CSNK1D.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo immediate use. Further dilutions can be made in assay buffer. Caution: MaxLight490 conjugates are sensitive to light. For maximum recovery of produc vial prior to removing the cap.
Molecular Weight	46,832 Da
Immunogen	Partial recombinant corresponding to aa301-415 from human CSNK1D (AAH03558) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	ADDAERERRDREERLRHSRNPATRGLPSTASGRLRGTQEVAPPTPLTPTSHTANTSPRPVSGMERERKVSMRLHRGAPVNISSSDLTGRQDTSRMSTS
Conjugate	MaxLight490
Product Categories/Family for anti-CSNK1D antibody	Antibodies; Protein Kinases
Applications Tested/Suitable for anti-CSNK1D antibody	FLISA, Immunohistochemistry (IHC) Paraffin, Western Blot (WB)
Application Notes for anti-CSNK1D antibody	IHC-P: 3ug/ml Applications are based on unconjugated antibody.
Related Product Information for anti-CSNK1D antibody	MBS6200311 is an antibody targeting CSNK1D. Also known as CSNK1D (Casein Kinase I, delta Isoform, CKI-delta, CKId) (MaxLight 490). Reactive in
Other Notes	Small volumes of anti-CSNK1D antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If nece the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CSNK1D. It may not necessarily be applicable to this product.

NCBI GI #	13097701
NCBI GeneID	1453
NCBI Accession #	BC003558
NCBI Related Accession #	AAH03558
UniProt Secondary Accession #	Q96KZ6; Q9BTN5; A2I2P2
UniProt Related Accession #	P48730
NCBI Official Full Name	Homo sapiens casein kinase 1, delta, mRNA
NCBI Official Synonym Full Names	casein kinase 1 delta
NCBI Official Symbol	CSNK1D
NCBI Official Synonym Symbols	ASPS; HCKID; FASPS2; CKIdelta
Protein Family	Casein kinase
NCBI Protein Information	casein kinase I isoform delta
NCBI Summary for CSNK1D	This gene is a member of the casein kinase I (CKI) gene family whose members have been implicated in the control of cytoplasmic and nuclear processes, including DNA replication and repair. The encoded protein may also be involved in the regulation of apoptosis, circadian rhythm, microtubule dynamics, chromosome segregation, and p53-mediated effects on growth. The encoded protein is highly similar to the mouse and rat CK1 delta homologs. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2014]
Research Articles on CSNK1D	**1.** Expression of truncated hyperactive form of CKIdelta causes mislocalization and aggregation of TDP-43 in cultured cells.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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