

ARG44809 anti-DGK Zeta (Minor isoform) antibody

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody recognizes DGK Zeta (Minor isoform)
Tested Reactivity	Hu, Ms
Tested Application	IHC-P, IP, WB
Specificity	This antibody is specific to DGK Zeta Minor isoform (Q13574-1, Long, zeta2).
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Target Name	DGK Zeta (Minor isoform)
Species	Human
A.A. Sequence	STGSKDVVRY LLDHAPPEIL DAVEENETC LHQAAALGQR TICHYIVEAG ASLMKTDQQG DTPRQRAEKA QDTELAAYLE NRQHYQMIQR
Conjugation	Un-conjugated
Alternate Names	DGKZ; Diacylglycerol Kinase Zeta; DAGK6; HDGKzeta; DGK-ZETA; DAGK5; Diacylglycerol Kinase, Zeta 104kDa; Diglyceride Kinase Zeta; DAG Kinase Zeta; EC 2.7.1.107; EC 2.7.1.93; DGK-Zeta

Application Instructions

Application table	Application	Dilution
	IHC-P	1:200
	IP	1:100
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Protein A purification
Buffer	PBS with 0.09% sodium azide
Preservative	0.09% sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Gene Symbol	DGKZ
Gene Full Name	Diacylglycerol Kinase Zeta
Background	The protein encoded by this gene belongs to the eukaryotic diacylglycerol kinase family. It may attenuate protein kinase C activity by regulating diacylglycerol levels in intracellular signaling cascade and signal transduction. Alternative splicing occurs at this locus and multiple transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Nov 2010]
Function	Through the same mechanism could also positively regulate insulin-induced translocation of SLC2A4 to the cell membrane. [Uniprot]
PTM	Phosphoprotein. [Uniprot]
Cellular Localization	Cell membrane, Cell projection, Cytoplasm, Membrane, Nucleus. [Uniprot]