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Product datasheet for TA501381

DGKB Mouse Monoclonal Antibody [Clone ID: OTI1F9]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1F9
Applications:	WB
Recommend Dilution:	WB 1:500~2000
Reactivity:	Human, Monkey, Dog
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human DGKB (NP_663733) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.54 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	86.9 kDa
Gene Name:	diacylglycerol kinase beta
Database Link:	NP_663733 Entrez Gene 482328 DogEntrez Gene 715254 MonkeyEntrez Gene 1607 Human
Background:	Diacylglycerol kinases (DGKs) are regulators of the intracellular concentration of the second messenger diacylglycerol (DAG) and thus play a key role in cellular processes. Nine mammalian isotypes have been identified, which are encoded by separate genes. Mammalian DGK isozymes contain a conserved catalytic (kinase) domain and a cysteine-rich domain (CRD). The protein encoded by this gene is a diacylglycerol kinase, beta isotype. Two alternatively spliced transcript variants have been found for this gene. [provided by RefSeq]
Synonyms:	DAGK2; DGK; DGK-BETA
Protein Families:	Druggable Genome
Protein Pathways:	Glycerolipid metabolism, Glycerophospholipid metabolism, Metabolic pathways, Phosphatidylinositol signaling system

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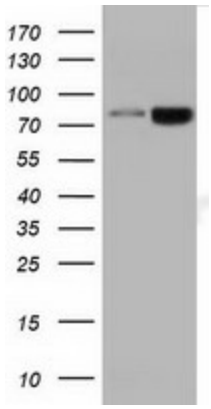
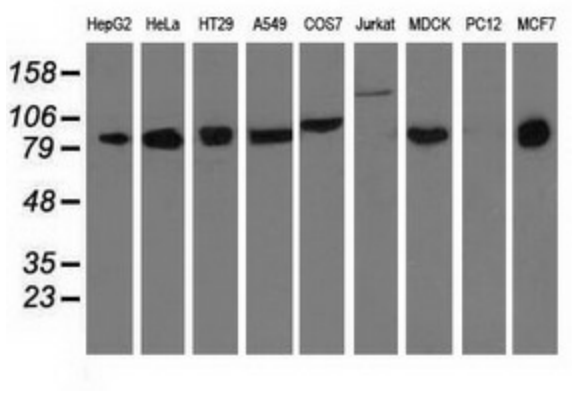
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY DGKB ([RC211233], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-DGKB. Positive lysates [LY407898] (100ug) and [LC407898] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-DGKB monoclonal antibody.