

## Product datasheet for TA809946

### DGKZ Mouse Monoclonal Antibody [Clone ID: OTI1A6]

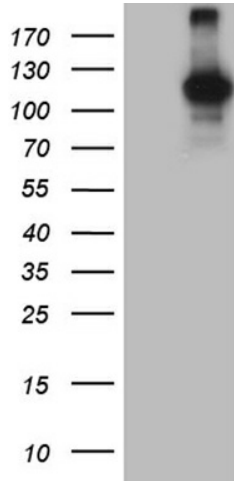
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1A6
Applications:	IHC, WB
Recommend Dilution:	WB 1:500~2000, IHC 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 734-808 of human DGKZ(NP_003637) produced in E.coli.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	103.9 kDa
Gene Name:	diacylglycerol kinase zeta
Database Link:	<a href="#">NP_003637 Entrez Gene 8525 Human</a>
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]
Synonyms:	DAGK5; DAGK6; DGK-ZETA; hDGKzeta
Protein Families:	Druggable Genome
Protein Pathways:	Glycerolipid metabolism, Glycerophospholipid metabolism, Metabolic pathways, Phosphatidylinositol signaling system

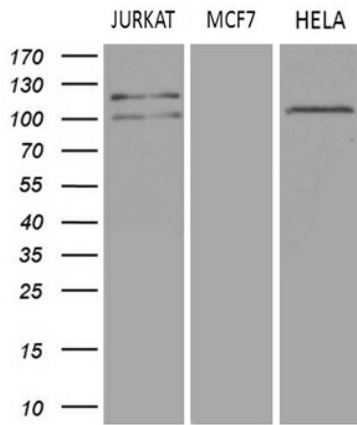


[View online »](#)

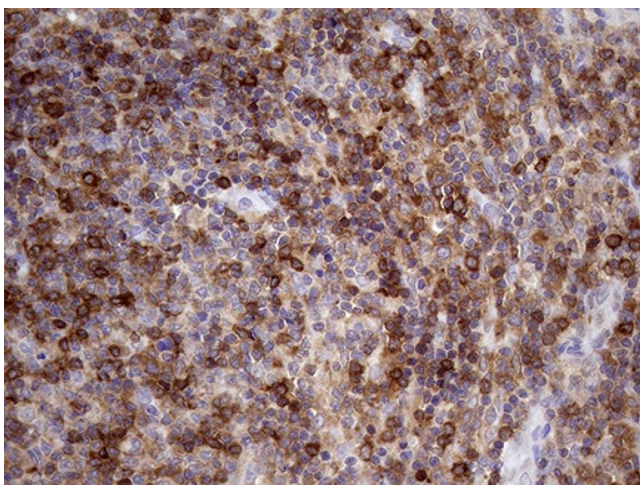
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY DGKZ ([RC205327], 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-DGKZ (1:2000). Positive lysates [LY418529] (100ug) and [LC418529] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (35ug) from 3 different cell lines by using anti-DGKZ monoclonal antibody (1:500).



Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-DGKZ mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, TA809946) (1:500)