

Product datasheet for **TA809946BM**

DGKZ Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI1A6]

Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI1A6 |
| Applications: | IHC, WB |
| Recommended Dilution: | WB 1:500~2000, IHC 1:500 |
| Reactivity: | Human, Mouse, Rat |
| 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. |
| Concentration: | 0.5 mg/ml |
| Purification: | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G) |
| Conjugation: | HRP |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | 103.9 kDa |
| Gene Name: | diacylglycerol kinase zeta |
| Database Link: | NP_003637 Entrez Gene 8525 Human Q13574 |
| 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] |



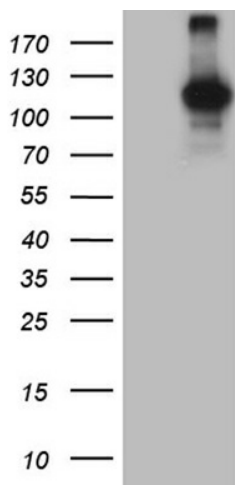
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Synonyms: DAGK5; DAGK6; DGK-ZETA; hDGKzeta

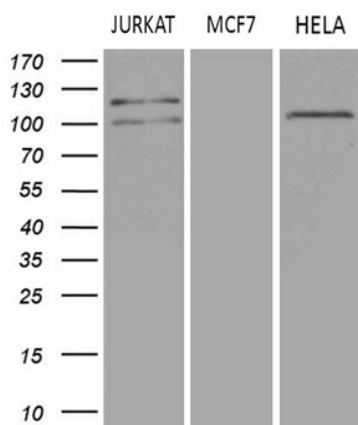
Protein Families: Druggable Genome

Protein Pathways: Glycerolipid metabolism, Glycerophospholipid metabolism, Metabolic pathways, Phosphatidylinositol signaling system

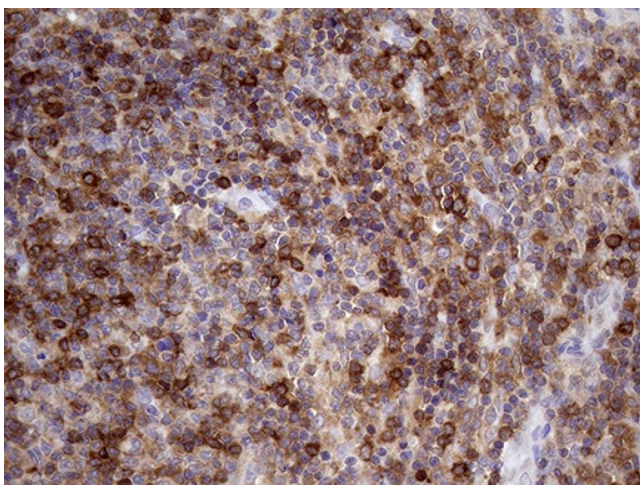
Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY DGKZ (Cat# [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 (Cat# [TA809946])(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)