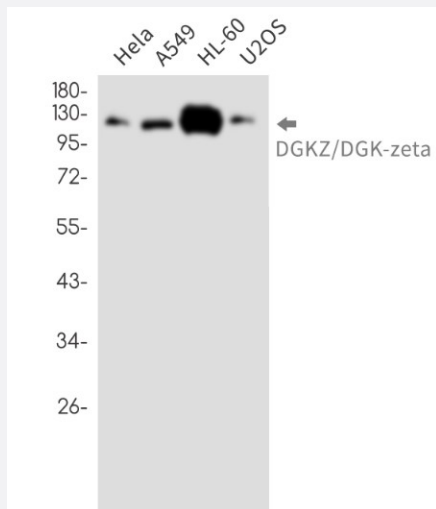


RecomAb™

# DGKZ recombinant monoclonal antibody, clone R04-1H8

Catalog # RAB01277      Size 100 uL

## Applications



### Western Blot

Western Blot analysis of HeLa, A549, HL-60, U2OS lysates with DGKZ recombinant monoclonal antibody, clone R04-1H8 (Cat # RAB01277).

## Specification

<b>Product Description</b>	Rabbit recombinant monoclonal antibody raised against human DGKZ.
<b>Antibody Species</b>	Rabbit
<b>Immunogen</b>	Original antibody is raised against recombinant protein corresponding to human DGKZ/DGK-zeta.
<b>Theoretical MW (kDa)</b>	Calculated MW: 104 k
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Isotype</b>	IgG

<b>Recommend Usage</b>	Western Blot The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
<b>Storage Instruction</b>	Store at 4°C. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

Western Blot analysis of HeLa, A549, HL-60, U2OS lysates with DGKZ recombinant monoclonal antibody, clone R04-1H8 (Cat # RAB01277).

## Gene Info — DGKZ

<b>Entrez GeneID</b>	<a href="#">8525</a>
<b>Protein Accession#</b>	<a href="#">Q13574</a>
<b>Gene Name</b>	DGKZ
<b>Gene Alias</b>	DAGK5, DAGK6, DGK-ZETA, hDGKzeta
<b>Gene Description</b>	diacylglycerol kinase, zeta 104kDa
<b>Omim ID</b>	<a href="#">601441</a>
<b>Gene Ontology</b>	<a href="#">Hyperlink</a>
<b>Gene Summary</b>	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 four transcript variants encoding distinct isoforms have been identified. [provided by RefSeq]
<b>Other Designations</b>	diacylglycerol kinase zeta diacylglycerol kinase, zeta (104kD)

## Pathway

- [Glycerolipid metabolism](#)

- [Glycerophospholipid metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)