

# Recombinant DGKA Monoclonal Antibody

Catalog Number:E-AB-81551



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

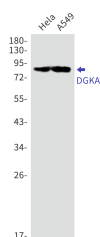
## Description

<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant protein of human DGKA
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	R06-6H4
<b>Purification</b>	Affinity Purified
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein

## Applications Recommended Dilution

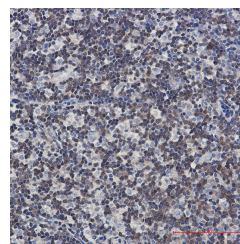
<b>WB</b>	1:500-1:1000
<b>IHC</b>	1:50-1:100

## Data



Western blot detection of DGKA in HeLa, A549 cell lysates using DGKA Rabbit mAb (1:1000 diluted). Predicted band size: 83kDa. Observed band size: 83kDa.

**Observed Mw: 83kDa**  
**Calculated Mw: 83kDa**



Immunohistochemistry of DGKA in paraffin-embedded human tonsil using DGKA Rabbit mAb at dilution 1:50

## Preparation & Storage

**Storage** Store at -20°C. Avoid freeze / thaw cycles.

## Background

The protein encoded by this gene belongs to the eukaryotic diacylglycerol kinase family. It acts as a modulator that competes with protein kinase C for the second messenger diacylglycerol in intracellular signaling pathways. It also plays an important role in the resynthesis of phosphatidylinositols and phosphorylating diacylglycerol to phosphatidic acid. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified.

## For Research Use Only

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