

Product datasheet

Anti-DGKA antibody [3G7] ab119825

3 Images

Overview

Product name	Anti-DGKA antibody [3G7]
Description	Mouse monoclonal [3G7] to DGKA
Host species	Mouse
Tested applications	Suitable for: WB, Flow Cyt
Species reactivity	Reacts with: Rat, Dog, Human
Immunogen	Recombinant full length protein corresponding to Human DGKA (NP_001336) produced in HEK293T cells.
Positive control	HEK293T cells transfected with pCMV6-ENTRY DGKA. MDCK cell extract. PC12 cell extract. Jurkat cells.
General notes	Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	pH: 7.30 Preservative: 0.02% Sodium azide Constituents: 48% PBS, 50% Glycerol, 1% BSA
Purity	Protein A purified
Purification notes	Purified from mouse ascites fluids by affinity chromatography.
Clonality	Monoclonal
Clone number	3G7
Isotype	IgG2a

Applications

Our [Abpromise guarantee](#) covers the use of **ab119825** in the following tested applications.

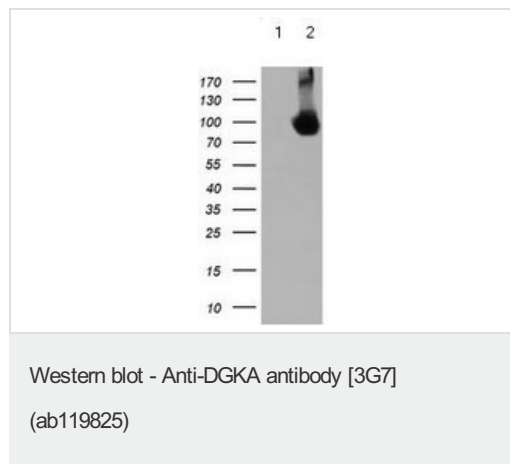
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/2000. Predicted molecular weight: 83 kDa.
Flow Cyt		1/100. ab170191 - Mouse monoclonal IgG2a, is suitable for use as an isotype control with this antibody.

Target

Function	Upon cell stimulation converts the second messenger diacylglycerol into phosphatidate, initiating the resynthesis of phosphatidylinositols and attenuating protein kinase C activity.
Tissue specificity	Lymphocytes and oligodendroglial cells.
Sequence similarities	Belongs to the eukaryotic diacylglycerol kinase family. Contains 1 DAGKc domain. Contains 2 EF-hand domains. Contains 2 phorbol-ester/DAG-type zinc fingers.

Images



All lanes : Anti-DGKA antibody [3G7] (ab119825) at 1/500 dilution

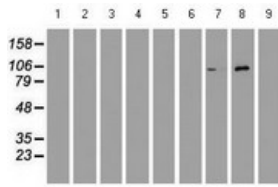
Lane 1 : HEK293T cells transfected with pCMV6-ENTRY control

Lane 2 : HEK293T cells transfected with pCMV6-ENTRY DGKA

Lysates/proteins at 5 µg per lane.

Predicted band size: 83 kDa

HEK293T cell lysates were generated from transient transfection of the cDNA clone (RC222395)



Western blot - Anti-DGKA antibody [3G7]
(ab119825)

All lanes : Anti-DGKA antibody [3G7]

(ab119825) at 1/500 dilution

Lane 1 : HepG2 cell extract

Lane 2 : HeLa cell extract

Lane 3 : SVT2 cell extract

Lane 4 : A549 cell extract

Lane 5 : COS7 cell extract

Lane 6 : Jurkat cell extract

Lane 7 : MDCK cell extract

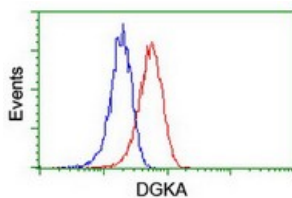
Lane 8 : PC12 cell extract

Lane 9 : MCF7 cell extract

Lysates/proteins at 35 µg per lane.

Predicted band size: 83 kDa

HEK293T cell lysates were generated from transient transfection of the cDNA clone (RC222395)



Flow Cytometry - Anti-DGKA antibody [3G7]
(ab119825)

Flow cytometric analysis of Jurkat cells, using ab119825, at 1/100 (Red) compared to a nonspecific negative control antibody (Blue).

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