



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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DGKA monoclonal antibody (M02), clone 2B7

Catalog # : H00001606-M02

規格 : [100 ug]

[List All](#)

Specification

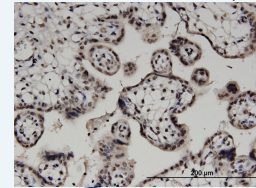
Product Description:	Mouse monoclonal antibody raised against a full-length recombinant DGKA.
Immunogen:	DGKA (AAH31870, 1 a.a. ~ 735 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MAKERGLISPSDFAQLQKYMEYSTKKVSDVLKLFEDGEMAKYVQGDAIG YEGFQQFLKIYLEVDNVPRLSLALFQSFETGHCLNETNMTKDVVCLNDV SCYFSLLEGGRPEDKLEFTFKLYDTRNGILDSSEVDKIILQMMRVAEYL DWDVSELRPILQEMMKEIDYDGGSGSVSQAEEWRAGATTVPLLVLGLEM TLKDDGQHMWRPKRFPRPVYCNLCESSIGLGKQGLSCNLCKYTVHDQC AMKALPCEVSTYAKSRKDIGVQSHWWVGGCESGRCDRCQKKIRIYHSL TGLHCVWCHLEIHDCLQAVGHECDCGLLRDHILPPSSIYPSVLAASPDR KNSKTSQKTMDLNLSTSEALRIDPVPNTHPLLVFVNPKSGGKQGQRVL WKFQYILNPRQVFNLLKDGPEIGLRLFKDVPDSRILVCGGDGTVGWILETI DKANLPVLPVAVLPLGTGNDLARCLRWGGGYEQNLAKILKDLEMSKV VHMDRWSVEVIPQQTEEKSDPVPFQIINNYFSIGVDASIAHRFYIMREKYPE KFNSRMKNKLWYFEFATSEIFSTCKKLEESLTVICGKPLDLSNLSLEGI AVLNIPSMHGGSNLWGDTRRPHGDIYGINQALGATAKIVITDPDILKTCVDP LSDKRLEVVGLEGAIEMGQIYTKLKNAGRRLAKCSEITFHTTKTLPMQIDG EPWWQTPCTIKITHKNQMPMLMGPPPRSTNFFGFLS
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2b Kappa
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	 Download
Datasheet:	 Download


Applications

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

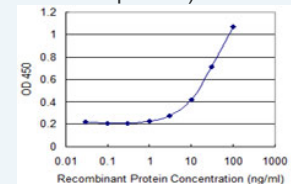
Application Image


Immunohistochemistry
(Formalin/PFA-fixed paraffin-
embedded sections)



 [enlarge](#)

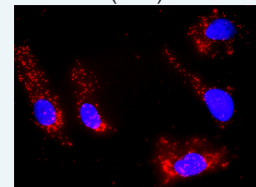
Sandwich ELISA (Recombinant
protein)



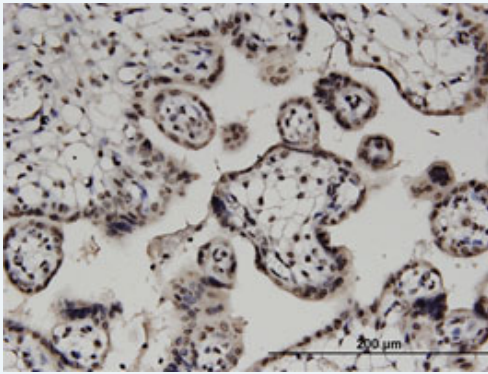
 [enlarge](#)

ELISA

In situ Proximity Ligation Assay
(Cell)



 [enlarge](#)

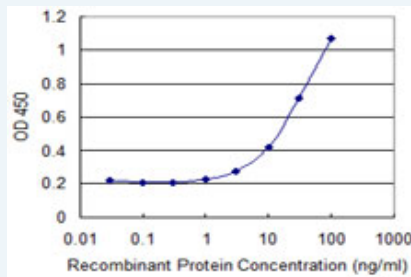


[enlarge this image](#)

Immunoperoxidase of monoclonal antibody to DGKA on formalin-fixed paraffin-embedded human placenta. [antibody concentration 3 ug/ml]

[Protocol Download](#)

Sandwich ELISA (Recombinant protein)

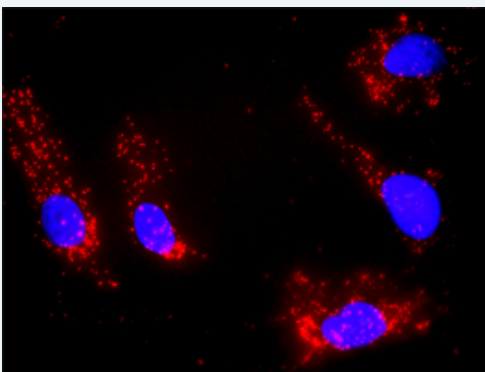


Detection limit for recombinant GST tagged DGKA is 1 ng/ml as a capture antibody.

[Protocol Download](#)

ELISA

In situ Proximity Ligation Assay (Cell)



Proximity Ligation Analysis of protein-protein interactions between IL21 and DGKA. HeLa cells were stained with anti-IL21 rabbit purified polyclonal 1:1200 and anti-DGKA mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Gene Information

Entrez GeneID: [1606](#)

GeneBank [BC031870](#)
Accession#:

Protein [AAH31870](#)
Accession#:

Gene Name: DGKA

Gene Alias: DAGK,DAGK1,DGK-alpha,MGC12821,MGC42356

Gene Description: diacylglycerol kinase, alpha 80kDa

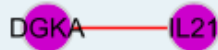
Omim ID: [125855](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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. [provided by RefSeq]

Other Designations: diacylglycerol kinase alpha, diacylglycerol kinase, alpha (80kD)

Interactome



Gene Pathway

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

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