

# Product Datasheet

## DGK-alpha Antibody (2B7) - Azide and BSA Free H00001606-M02

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00001606-M02**

DGK-alpha Antibody (2B7) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2B7
Preservative	No Preservative
Isotype	IgG2b Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

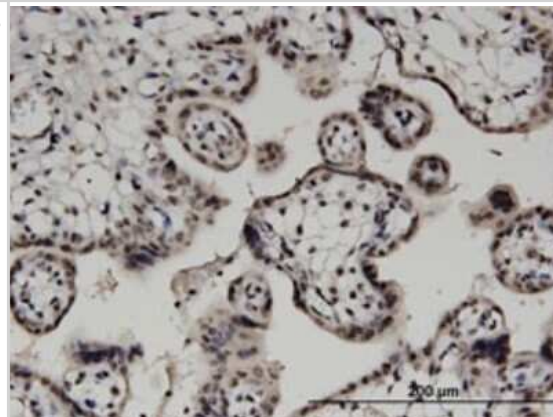
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	1606
Gene Symbol	DGKA
Species	Human
Specificity/Sensitivity	DGKA - diacylglycerol kinase, alpha 80kDa (2B7)
Immunogen	DGKA (AAH31870, 1 a.a. ~ 735 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. <p>MAKERGLISPSDFAQLQKYMESTKKVSDVLKLFEDGEMAKYVQGDAIGYEGF  QQFLKIYLEVDNVPRHLSLALFQSFETGHCLNETNVTKDVVCLNDVSCYFSLLE  GGRPEDKLEFTFKLYDTRNGILDSSEVDKIILQMMRVAEYLDWDVSELRPILQ  EMMKEIDYDGSGSVSQA EWVRAGATTVPLLVLGLEM TLKDDGQHMWRPKR  FPRPVYCNLCESSIGLGKQGLSCNLCKYTVHDQCAMKALPCEVSTYAKSRKDI  GVQSHVWVRGGCESGRCDRCQKKIRIYHSLTGLHCVWCHLEIHDDCLQAVGH  ECDCGLLRDHLPPSSIYPSVLASGPDRKNSKTSQKTMDDLNLSTSEALRIDPVP  NTHPLLVFVNPKSGGKQQRVLWKFQYILNPRQVFNLLKDGPEIGLRLFKDVP  DSRILVCGGDGTGVWILETIDKANLPVLPVAVLPLGTGNDLARCLRWGGGYE  GQNLAKILKDLEMSKVHMDRWSVEVIPQQTEEKSDPVPFQIINNYFSIGVDASI  AHRFYIMREKYPEKFNSRMKNKLWYFEFATSEIFSTCKKLEESLTVEICGKPLD  LSNLSLEGIAVLNIPSMHGGSNLWGDTRRPHGDIYGINQALGATAKAVITDPDILK  TCVPDLSDKRLEVVGLEGA IEMGQIYTKLKNAGRRLAKCSEITFHHTTKLPMQID  GEPWVQTPCTIKITHKNQMPMLMGPPPRSTNFFGFLS</p>
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Sandwich ELISA
Recommended Dilutions	ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Proximity Ligation Assay, Sandwich ELISA
Application Notes	It has been used for ELISA.

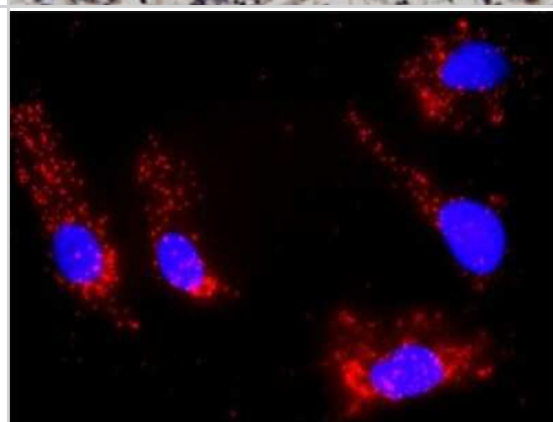


## Images

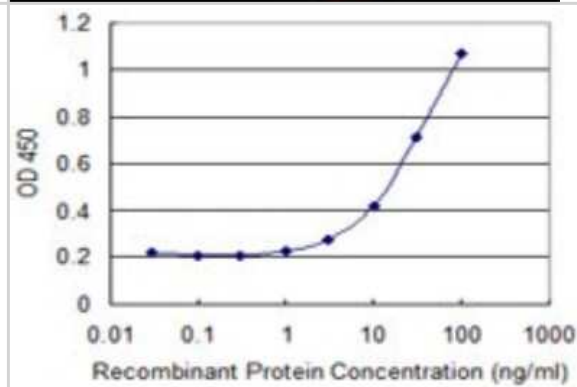
Immunohistochemistry-Paraffin: DGK-alpha Antibody (2B7) [H00001606-M02] - Analysis of monoclonal antibody to DGKA on formalin-fixed paraffin-embedded human placenta. Antibody concentration 3 ug/ml.



Proximity Ligation Assay: DGK-alpha Antibody (2B7) [H00001606-M02] - 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).



Sandwich ELISA: DGK-alpha Antibody (2B7) [H00001606-M02] - Detection limit for recombinant GST tagged DGKA is 1 ng/ml as a capture antibody.





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### **Products Related to H00001606-M02**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
H00001606-P01-10ug	Recombinant Human DGK-alpha GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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