

# Product Datasheet

## DGK-epsilon Antibody (7E1) - Azide and BSA Free H00008526-M03

Unit Size: 0.1 mg

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

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**H00008526-M03**

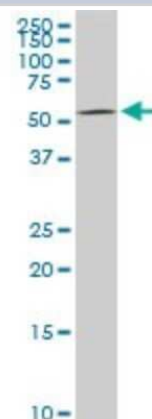
DGK-epsilon Antibody (7E1) - Azide and BSA Free

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	7E1
Preservative	No Preservative
Isotype	IgG3 Lambda
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	8526
Gene Symbol	DGKE
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	DGKE - diacylglycerol kinase, epsilon 64kDa
Immunogen	DGKE (NP_003638, 141 a.a. ~ 240 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. CKQQCGCQPKLCDYRCIWCQKTVHDECMKNSLKNEKCDFGEFKNLIIPPSYLT SINQMRKDKKTDYEVLASKLGKQWTPLIILANSRSGTNMGEGLLGEF
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has been used for ELISA. Use in Immunohistochemistry-paraffin reported in scientific literature (PMID: 23542698).

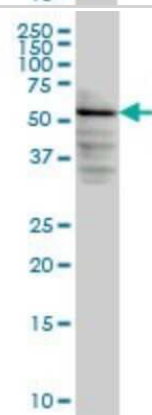


## Images

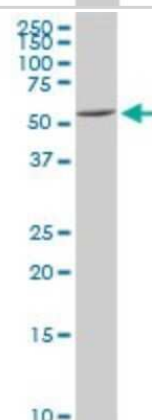
Western Blot: DGK-epsilon Antibody (7E1) [H00008526-M03] - Analysis of DGKE expression in Raw 264.7 (Cat # L024V1).



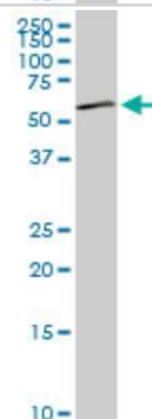
Western Blot: DGK-epsilon Antibody (7E1) [H00008526-M03] - Analysis of DGKE expression in HeLa (Cat # L013V1).



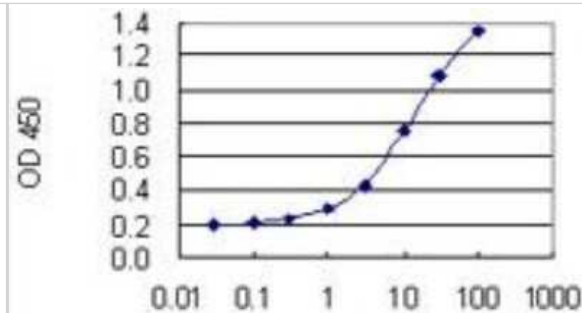
Western Blot: DGK-epsilon Antibody (7E1) [H00008526-M03] - Analysis of DGKE expression in PC-12 (Cat # L012V1).



Western Blot: DGK-epsilon Antibody (7E1) [H00008526-M03] - Analysis of DGKE expression in NIH/3T3 (Cat # L018V1).



Sandwich ELISA: DGK-epsilon Antibody (7E1) [H00008526-M03] - Detection limit for recombinant GST tagged DGKE is 0.3 ng/ml as a capture antibody.



## Publications

Lemaire M, Fremeaux-Bacchi V, Schaefer F et al. Recessive mutations in DGKE cause atypical hemolytic-uremic syndrome Nat Genet 2013-03-31 [PMID: 23542698] (IHC-P, Human)



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### **Products Related to H00008526-M03**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96977	Mouse IgG3 Lambda Isotype Control (MG3L)
H00008526-P01-10ug	Recombinant Human DGK-epsilon GST (N-Term) Protein

### **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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