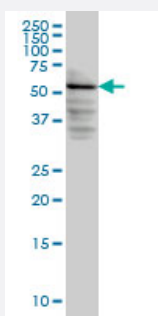


DGKE monoclonal antibody (M03), clone 7E1

Catalog # H00008526-M03

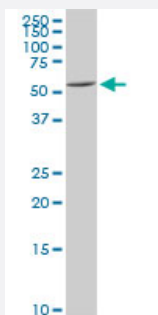
Size 100 ug

Applications



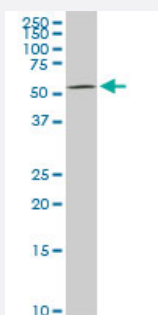
Western Blot (Cell lysate)

DGKE monoclonal antibody (M03), clone 7E1 Western Blot analysis of DGKE expression in HeLa (Cat # L013V1).



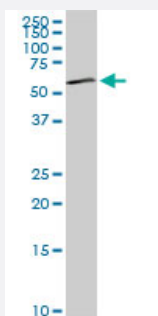
Western Blot (Cell lysate)

DGKE monoclonal antibody (M03), clone 7E1. Western Blot analysis of DGKE expression in PC-12(Cat # L012V1).



Western Blot (Cell lysate)

DGKE monoclonal antibody (M03), clone 7E1. Western Blot analysis of DGKE expression in Raw 264.7(Cat # L024V1).

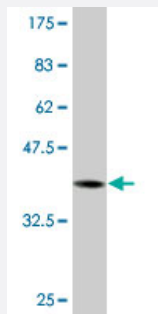
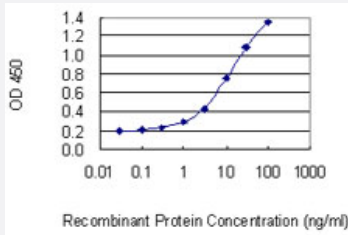


Western Blot (Cell lysate)

DGKE monoclonal antibody (M03), clone 7E1. Western Blot analysis of DGKE expression in NIH/3T3(Cat # L018V1).

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DGKE is 0.3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (36.74 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DGKE.
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.
Sequence	CKQQCGCQPKLCDYRCWCQKTVHDECMKNSLKNEKCDFGEFKNLIIPPSYLTINQMRKDKKTD YEV LASKLGKQWTP LIILANSRSGTNMGEGLLGEF
Host	Mouse
Reactivity	Human, Mouse, Rat
Interspecies Antigen Sequence	Mouse (89)
Isotype	IgG3 Lambda
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.74 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

DGKE monoclonal antibody (M03), clone 7E1 Western Blot analysis of DGKE expression in HeLa (Cat # L013V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

DGKE monoclonal antibody (M03), clone 7E1. Western Blot analysis of DGKE expression in PC-12(Cat # L012V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

DGKE monoclonal antibody (M03), clone 7E1. Western Blot analysis of DGKE expression in Raw 264.7(Cat # L024V1).

[Protocol Download](#)

- Western Blot (Cell lysate)

DGKE monoclonal antibody (M03), clone 7E1. Western Blot analysis of DGKE expression in NIH/3T3(Cat # L018V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DGKE is 0.3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — DGKE

Entrez GeneID	8526
GeneBank Accession#	NM_003647
Protein Accession#	NP_003638
Gene Name	DGKE

Gene Alias	DAGK6, DGK
Gene Description	diacylglycerol kinase, epsilon 64kDa
Omim ID	601440
Gene Ontology	Hyperlink
Gene Summary	Diacylglycerol kinases are thought to be involved mainly in the regeneration of phosphatidylinositol (PI) from diacylglycerol in the PI-cycle during cell signal transduction. When expressed in mammalian cells, DGK-epsilon shows specificity for arachidonyl-containing diacylglycerol. DGK-epsilon is expressed predominantly in testis. [provided by RefSeq]
Other Designations	diacylglycerol kinase epsilon diacylglycerol kinase, epsilon (64kD)

Pathway

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

Disease

- [Diabetes Mellitus](#)