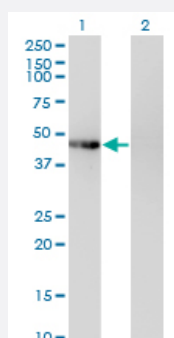


PHKG2 monoclonal antibody (M04), clone 2F4

Catalog # H00005261-M04

Size 100 ug

Applications

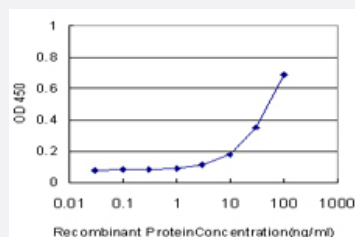


Western Blot (Transfected lysate)

Western Blot analysis of PHKG2 expression in transfected 293T cell line by PHKG2 monoclonal antibody (M04), clone 2F4.

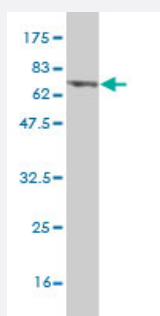
Lane 1: PHKG2 transfected lysate (Predicted MW: 46.4 kDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PHKG2 is approximately 3ng/ml as a capture antibody.



Western Blot detection against Immunogen (70.18 kDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant PHKG2.

Immunogen	PHKG2 (AAH02541.1, 1 a.a. ~ 406 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MTLDVGPEDLPDWAAAKEFYQKYDPKDVIGRGVSSVVRRCVHRATGHEFAVKIMEVTAERLSP EQLEEVREATRRETHILRQVAGHPHITLIDSYESSFMFLVFDLMRKGELFDYLTEKVALSEKETR SIMRSLLEAVSFLHANNIVHRDLKPENILLDDNMQIRLSDFGFSCHLEPGEKLRELCGTPGYLAPEIL KCSMDETHPGYGKEVDLWACGVILFTLLAGSPPFWHRRQILMLRMIMEGQYQFSSPEWDDRSST VKDLISRLLQVDPEARLTAEQALQHPFFERCEGSQPWNLTQRQRFRVAVWTVLAAGRVALSTHR VRPLTKNALLRDPYALRSVRHLIDNCAFRLYGHWVKKGEQQNRAALFQHRPPGPFIMPGEPEG DSAAITEDEAVLVLG
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (70.18 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 (Transfected lysate)

Western Blot analysis of PHKG2 expression in transfected 293T cell line by PHKG2 monoclonal antibody (M04), clone 2F4.

Lane 1: PHKG2 transfected lysate (Predicted MW: 46.4 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PHKG2 is approximately 3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PHKG2

Entrez GeneID	5261
GeneBank Accession#	BC002541
Protein Accession#	AAH02541.1
Gene Name	PHKG2
Gene Alias	GSD9C
Gene Description	phosphorylase kinase, gamma 2 (testis)
Omim ID	172471
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	Phosphorylase kinase, gamma 2 (testis/liver)

Pathway

- [Calcium signaling pathway](#)
- [Insulin signaling pathway](#)