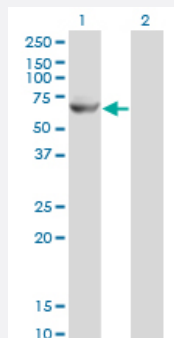


GK2 monoclonal antibody (M04), clone 3G4

Catalog # H00002712-M04

Size 100 ug

Applications

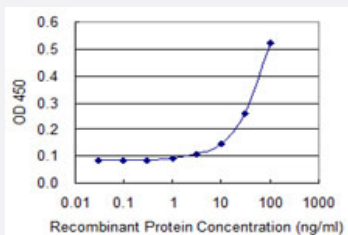


Western Blot (Transfected lysate)

Western Blot analysis of GK2 expression in transfected 293T cell line by GK2 monoclonal antibody (M04), clone 3G4.

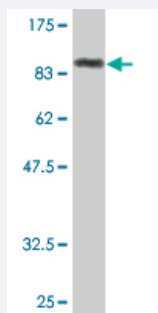
Lane 1: GK2 transfected lysate (60.6 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GK2 is 3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (86.57 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant GK2.

Immunogen	GK2 (AAH29820, 1 a.a. ~ 553 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAAPKTAAVGPLVGAVVQGTNSTRFLVFNSKTAELLSHHKVELTQEFPKEGWVEQDPKEILQSV YECIARTCEKLDDELNIDISNIKAVGVSNQRETTVIWDKLTGEPLYNNAVWLDLRTQTTVEDLSKKIPG NSNFVKSKTGLPLSTYFSAVKLRWMLDNVRNVQKAVEEGRALFGTIDSWLIWSLTGGVNGGVHC TDVTNASRTMLFNIHSLEWDKELCDFEIPMDLLPNVFSSEIYGLIKTGALEGVPISGCLGDQCAA LVGQMCQFQEGQAKNTYGTGCFLLCNTGRKCVFSEHGLLTTVAYKLGREKPAYALEGSVAIAGAV IRWLRDNLGIETSGDIERLAKEVGTSYGCYFVPAFSGLYAPYWEPSARGILCGLTQFTNKCHIAFAA LEAVCFQTREILEAMNRDCGIPLRHLQVDGGMTNNKVLMLQLADILHIPVIKPFMPETTALGAAMA AGAAEGSVVWSLEPQALSVLRMERFEPQIQATESEIRYATWKKAVMKSMGWVTSQSPEGGDPS IFSSLPLGFFIVSSMVMLIGARYISGVP
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (86.57 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 GK2 expression in transfected 293T cell line by GK2 monoclonal antibody (M04), clone 3G4.

Lane 1: GK2 transfected lysate(60.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged GK2 is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — GK2

Entrez GeneID [2712](#)**GeneBank Accession#** [BC029820](#)**Protein Accession#** [AAH29820](#)**Gene Name** GK2**Gene Alias** GKP2, GKTA**Gene Description** glycerol kinase 2**Omim ID** [600148](#)**Gene Ontology** [Hyperlink](#)**Other Designations** OTTHUMP00000160702|glycerol kinase pseudogene 2|glycerol kinase testis specific 2

Pathway

- [Glycerolipid metabolism](#)
- [Metabolic pathways](#)
- [PPAR signaling pathway](#)