



Mouse anti-Human GK2 monoclonal antibody, clone 4H5 (CABT-B10329)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	GK2 (AAH29820, 1 a.a. ~ 554 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	4H5
Conjugate	Unconjugated
Applications	WB,sELISA,ELISA
Sequence Similarities	MAAPKTAAVGPLVGAVVQGTNSTRFLVFNSKTAELLSHHKVELTQEFPKEGWVEQDPKEI LQSVYECIARTCEKLDELNIDISNIKAVGVSNQRETTVIWDKLTGEPLYNAVWLDLRTQ TTVEDLSKKIPGNSNFVKSKTGLPLSTYFSAVKLRWMLDNVRNVQKAVEEGRALFGTIDS WLIWSLTGGVNGGVHCTDVTNASRTMLFNIHSLEWDKELCDFEIPMDLLPNVFSSEIY GLIKTGALEGVPISG
Format	Liquid
Size	100 µg
Buffer	In 1x PBS, pH 7.2
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

BACKGROUND

Introduction	Glycerol kinase 2 is a phosphotransferase enzyme involved in triglycerides and glycerophospholipids synthesis. Mouse monoclonal antibody raised against a full-length recombinant GK2.
Keywords	GK2; glycerol kinase 2; GKP2; GKTA; glycerokinase 2; glycerol kinase pseudogene 2; glycerol kinase testis specific 2; glycerol kinase, testis specific 2; ATP:glycerol 3-phosphotransferase 2;

GENE INFORMATION

Entrez Gene ID	2712
UniProt ID	Q14410
Pathway	Fatty Acid Beta Oxidation, organism-specific biosystem; Glycerolipid metabolism, organism-specific biosystem; Glycerolipid metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; PPAR signaling pathway, organism-specific biosystem; PPAR signaling pathway, conserved biosystem
Function	ATP binding; glycerol kinase activity; nucleotide binding; transferase activity