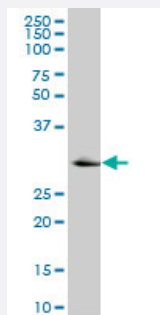


KHK monoclonal antibody (M07), clone 2B1

Catalog # H00003795-M07

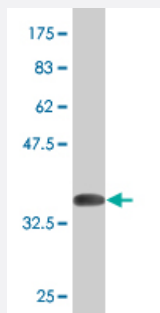
Size 100 ug

Applications



Western Blot (Cell lysate)

KHK monoclonal antibody (M03), clone 2B1. Western Blot analysis of KHK expression in Jurkat (Cat # L017V1).



Western Blot detection against Immunogen (36.41 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant KHK.
Immunogen	KHK (NP_000212, 201 a.a. ~ 297 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	FQSAEEALRGLYGRVRKGAVLVCAWAEEGADALGPDGKLLHSDAFPPPRVVDTLGAGDTFNAS VIFSLSQGRSVQEALRFGCQVAGKKCGLQGFDGI
Host	Mouse
Reactivity	Human
Isotype	IgG2b Kappa

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (36.41 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)

KHK monoclonal antibody (M03), clone 2B1. Western Blot analysis of KHK expression in Jurkat (Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — KHK

Entrez GeneID

[3795](#)

GeneBank Accession#

[NM_000221](#)

Protein Accession#

[NP_000212](#)

Gene Name

KHK

Gene Alias

-

Gene Description

ketoheokinase (fructokinase)

Omim ID

[229800](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes ketoheokinase that catalyzes conversion of fructose to fructose-1-phosphate. The product of this gene is the first enzyme with a specialized pathway that catabolizes dietary fructose. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Other Designations

ketoheokinase

Pathway

- [Fructose and mannose metabolism](#)
- [Metabolic pathways](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)