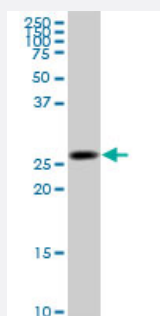


KHK monoclonal antibody (M01), clone 1H6-2B6

Catalog # H00003795-M01

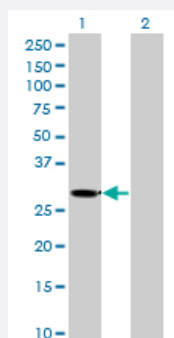
Size 100 ug

Applications



Western Blot (Tissue lysate)

KHK monoclonal antibody (M01), clone 1H6-2B6. Western Blot analysis of KHK expression in human liver.

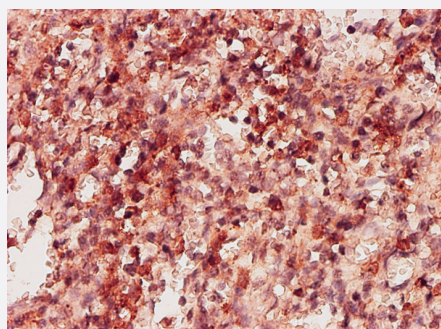


Western Blot (Transfected lysate)

Western Blot analysis of KHK expression in transfected 293T cell line by KHK monoclonal antibody (M01), clone 1H6-2B6.

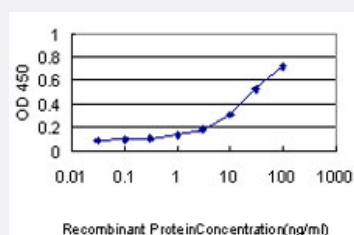
Lane 1: KHK transfected lysate(32.7 KDa).

Lane 2: Non-transfected lysate.



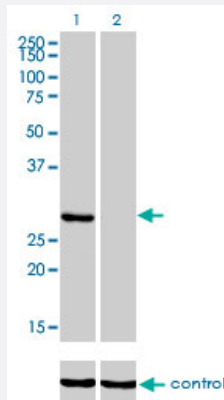
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to KHK on formalin-fixed paraffin-embedded human spleen tissue. [antibody concentration 1 ~ 10 ug/ml]



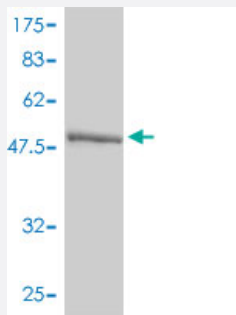
Sandwich ELISA (Recombinant protein)

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



RNAi Knockdown (Antibody validated)

Western blot analysis of KHK over-expressed 293 cell line, cotransfected with KHK Validated Chimera RNAi (Cat # H00003795-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with KHK monoclonal antibody (M01), clone 1H6-2B6 (Cat # H00003795-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot detection against Immunogen (58.52 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full length recombinant KHK.
Immunogen	KHK (AAH06233, 1 a.a. ~ 298 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEEKQILCVGLVVLVDVISLVDKYPKEDSEIRCLSQRWQRRGNASNSCTILSLLGAPCAFMGSMAP GHVADFVLDDLRRYSVDLRYTVFQTTGSVPATVIINEASGSRITLYDRSLPDVSATDFEKVDLTQF KWIHIEGRNASEQVKMLQRIDAHNTRQPPEQKIRVSVEVEKPREELFQLFGYGDVVFVSKDVAKH LGFQSAEEALRGLYGRVRKGAVLVCAWAEAGADALGPDGKLLHSDAFPPPRVVDTLGAGDTFN ASVIFSLSQGRSVQEALRFGCQVAGKKCGLQGFDGIV
Host	Mouse
Reactivity	Human
Isotype	IgG2a kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (58.52 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 (Tissue lysate)

KHK monoclonal antibody (M01), clone 1H6-2B6. Western Blot analysis of KHK expression in human liver.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of KHK expression in transfected 293T cell line by KHK monoclonal antibody (M01), clone 1H6-2B6.

Lane 1: KHK transfected lysate(32.7 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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[Protocol Download](#)

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

[Protocol Download](#)

- ELISA

- RNAi Knockdown (Antibody validated)

Western blot analysis of KHK over-expressed 293 cell line, cotransfected with KHK Validated Chimera RNAi (Cat # H00003795-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with KHK monoclonal antibody (M01), clone 1H6-2B6 (Cat # H00003795-M01). GAPDH (36.1 kDa) used as specificity and loading control.

[Protocol Download](#)

Gene Info — KHK

Entrez GeneID

[3795](#)

GeneBank Accession#	BC006233
Protein Accession#	AAH06233
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](#)