

Product datasheet for TA501410

ketohexokinase (KHK) Mouse Monoclonal Antibody [Clone ID: OTI3D1]

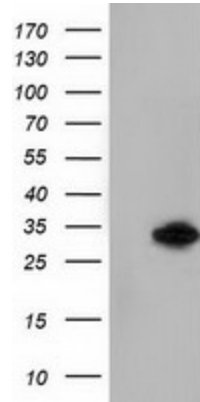
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3D1
Applications:	FC, IF, IHC, WB
Recommend Dilution:	WB 1:2000, IHC 1:150, IF 1:100, FLOW 1:100
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human KHK(NP_000212) produced in HEK293T cell.
Formulation:	PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.84 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Predicted Protein Size:	32.5 kDa
Gene Name:	ketohexokinase
Database Link:	NP_000212 Entrez Gene 3795 Human
Background:	This gene encodes ketohexokinase 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]
Synonyms:	ketohexokinase; ketohexokinase (fructokinase)
Protein Families:	Druggable Genome
Protein Pathways:	Fructose and mannose metabolism, Metabolic pathways

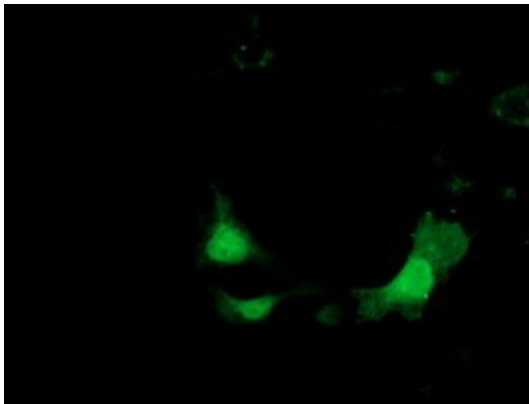


[View online »](#)

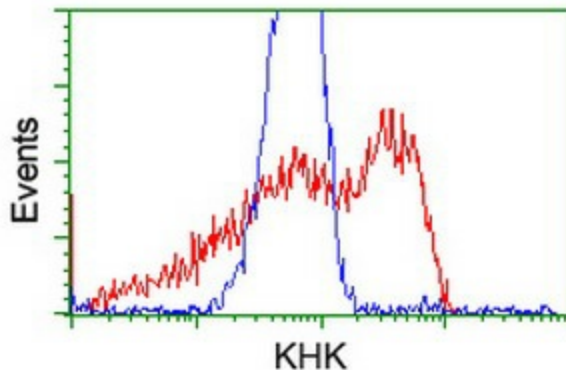
Product images:



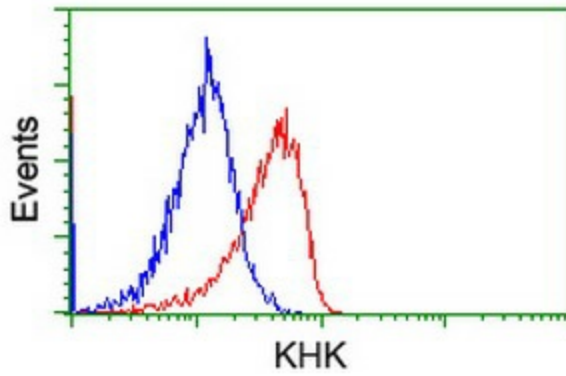
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY KHK ([RC202424], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-KHK. Positive lysates [LY400082] (100ug) and [LC400082] (20ug) can be purchased separately from OriGene.



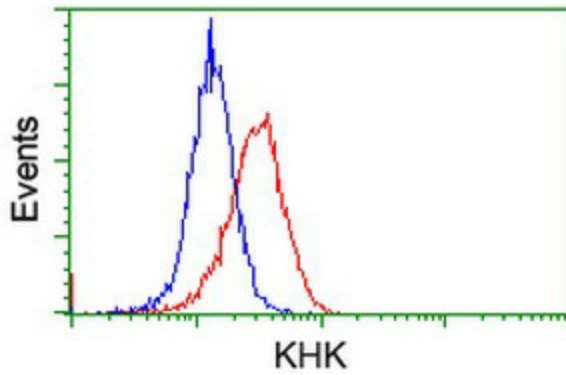
Anti-KHK mouse monoclonal antibody (TA501410) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY KHK ([RC202424]).



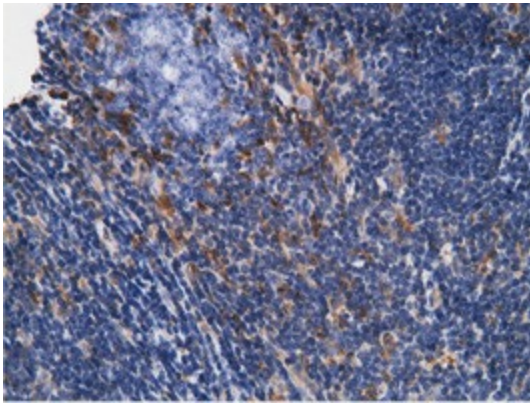
HEK293T cells transfected with either [RC202424] overexpress plasmid (Red) or empty vector control plasmid (Blue) were immunostained by anti-KHK antibody (TA501410), and then analyzed by flow cytometry.



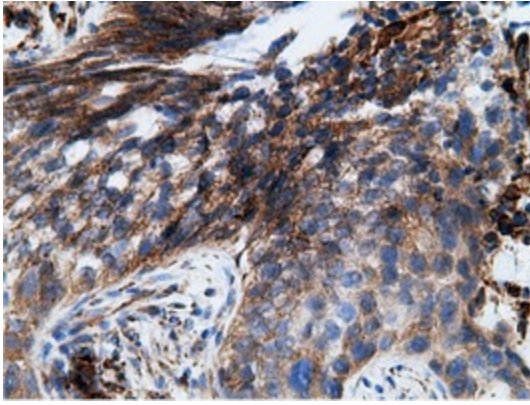
Flow cytometric Analysis of Jurkat cells, using anti-KHK antibody (TA501410), (Red), compared to a nonspecific negative control antibody ([TA50011]), (Blue).



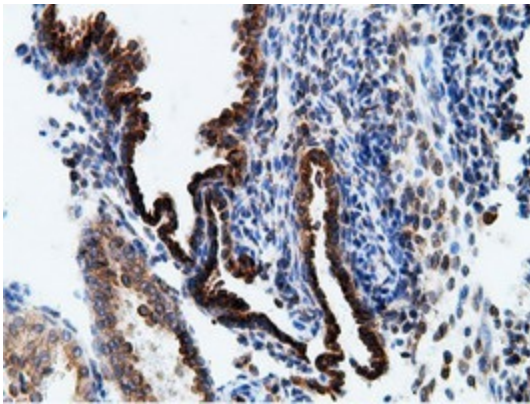
Flow cytometric Analysis of HeLa cells, using anti-KHK antibody (TA501410), (Red), compared to a nonspecific negative control antibody ([TA50011]), (Blue).



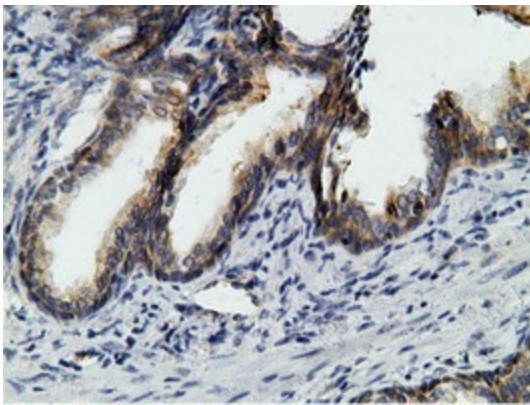
Immunohistochemical staining of paraffin-embedded Human lymphoma tissue using anti-KHK mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501410)



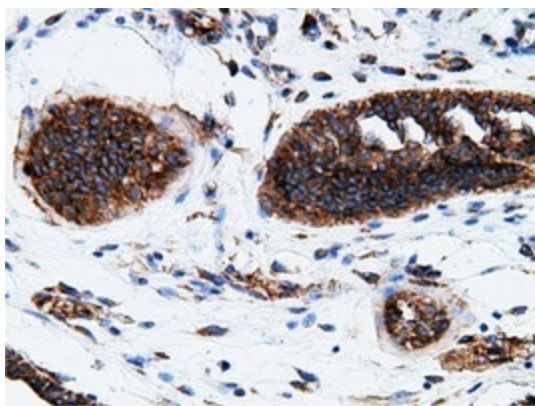
Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-KHK mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501410)



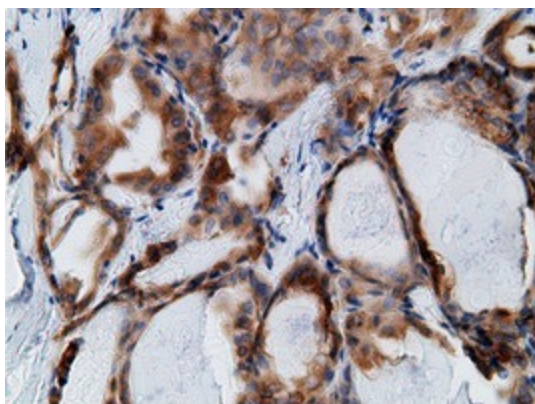
Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-KHK mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501410)



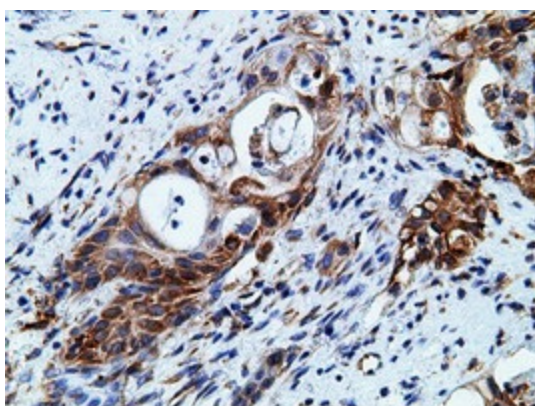
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-KHK mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501410)



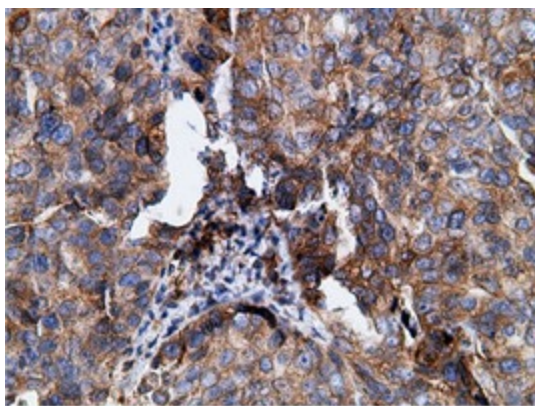
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-KHK mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501410)



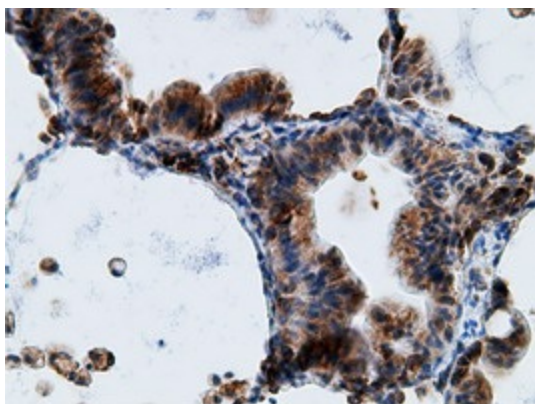
Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-KHK mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501410)



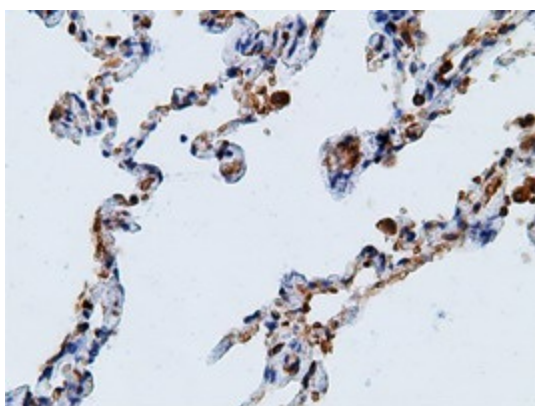
Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-KHK mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501410)



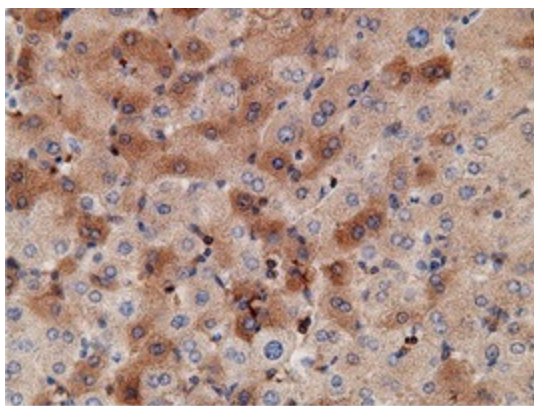
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human ovary tissue using anti-KHK mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501410)



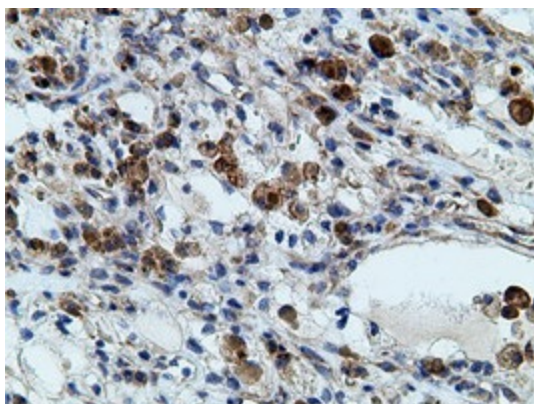
Immunohistochemical staining of paraffin-embedded Carcinoma of Human lung tissue using anti-KHK mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501410)



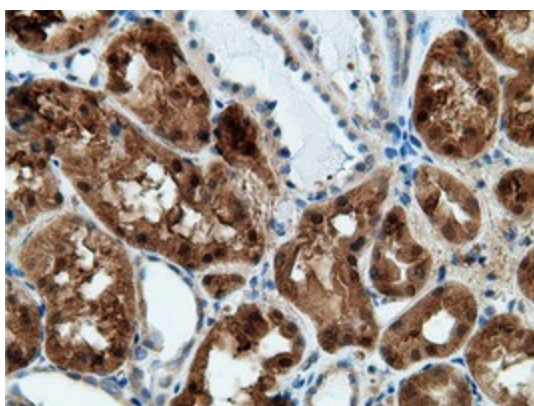
Immunohistochemical staining of paraffin-embedded Human lung tissue within the normal limits using anti-KHK mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501410)



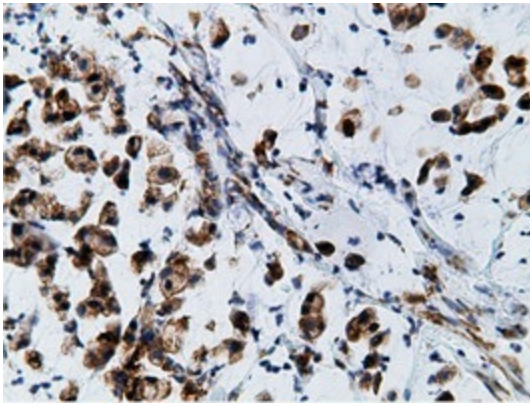
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-KHK mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501410)



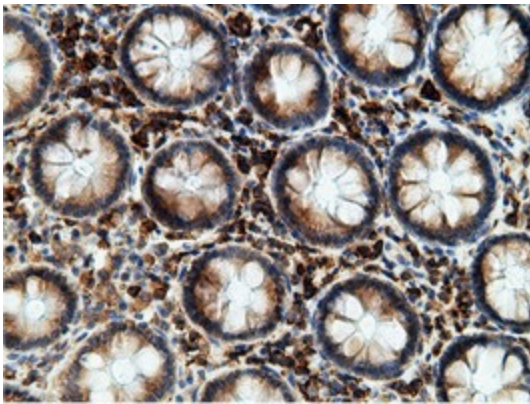
Immunohistochemical staining of paraffin-embedded Carcinoma of Human kidney tissue using anti-KHK mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501410)



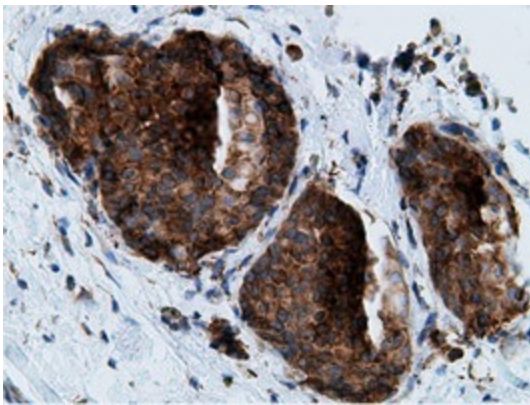
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-KHK mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501410)



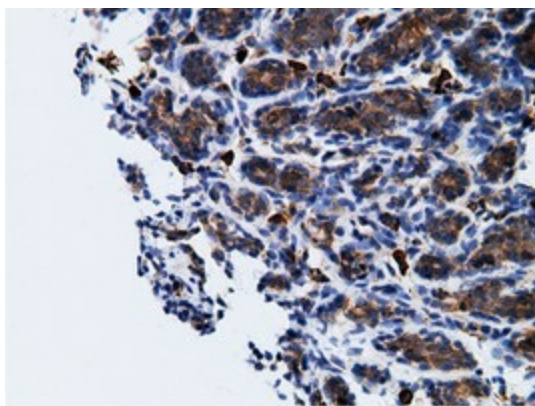
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human colon tissue using anti-KHK mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501410)



Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-KHK mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501410)



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue using anti-KHK mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501410)



Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-KHK mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, TA501410)