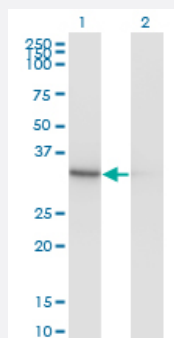


PDXK monoclonal antibody (M03), clone 4G6

Catalog # H00008566-M03

Size 100 ug

Applications

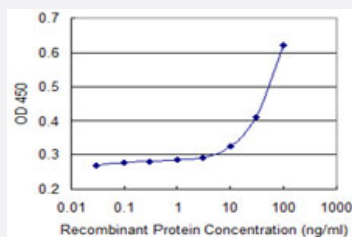


Western Blot (Transfected lysate)

Western Blot analysis of PDXK expression in transfected 293T cell line by PDXK monoclonal antibody (M03), clone 4G6.

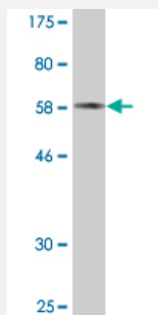
Lane 1: PDXK transfected lysate (35.1 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

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



Western Blot detection against Immunogen (60.06 KDa).

Specification

Product Description

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

Immunogen	PDXK (AAH00123, 1 a.a. ~ 312 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MEEECRVLSIQSHVIRGYVGNRAATFPLQVLGFEIDAVNSVQFSNHTGYAHWKGGQVLNSDELQEL YEGRLNNMNKYDYVLTGYTRDKSFLAMVVDIVQELKQQNPRLVYVCDPVLGDKWDGEGSMYVP EDLLPVYKEKVPLADIITPNQFEAELLSGRKIHSQEEALRVMDMLHSMGPDTVVITSSDLPSPQG SNYLIVLGSQRRRNPAAGSVVMERIRMDIRKVDVAVFGTGDLEAAMLLAWTHKHPNNLKVACEKTV STLHHVLQRTIQCAKAQAGEGVRPSMQLELRMVQSKRDIEDPENNVQATVL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (86); Rat (85)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (60.06 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 PDXK expression in transfected 293T cell line by PDXK monoclonal antibody (M03), clone 4G6.

Lane 1: PDXK transfected lysate(35.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

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

[Protocol Download](#)

- ELISA

Gene Info — PDXK

Entrez GeneID	8566
GeneBank Accession#	BC000123
Protein Accession#	AAH00123
Gene Name	PDXK
Gene Alias	C21orf124, C21orf97, DKFZp566A071, FLJ31940, FLJ37311, MGC15873, MGC31754, MGC52346, PKH, PNK, PRED79
Gene Description	pyridoxal (pyridoxine, vitamin B6) kinase
Omim ID	179020
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene phosphorylates vitamin B6, a step required for the conversion of vitamin B6 to pyridoxal-5-phosphate, an important cofactor in intermediary metabolism. The encoded protein is cytoplasmic and probably acts as a homodimer. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq]
Other Designations	pyridoxal kinase pyridoxamine kinase pyridoxine kinase vitamin B6 kinase

Pathway

- [Metabolic pathways](#)
- [Vitamin B6 metabolism](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Parkinson Disease](#)