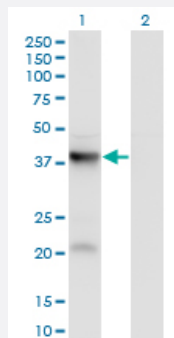


PANK3 monoclonal antibody (M01), clone 3D7

Catalog # H00079646-M01

Size 100 ug

Applications

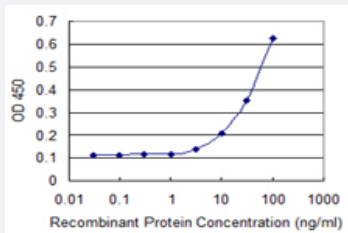


Western Blot (Transfected lysate)

Western Blot analysis of PANK3 expression in transfected 293T cell line by PANK3 monoclonal antibody (M01), clone 3D7.

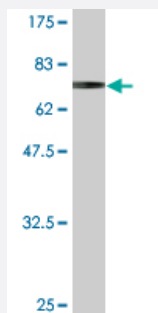
Lane 1: PANK3 transfected lysate (Predicted MW: 41.1 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PANK3 is 3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (66.22 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant PANK3.

Immunogen	PANK3 (AAH13705, 1 a.a. ~ 370 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MKIKDAKKPSFPWFGMDIGGTLVKLSYFEPIDITAEQQEEVESLKSIRKYLTSNVAYGSTGIRDVHL ELKDLTLFGRRGNLHFIRFPTQDLPTFIQMGRDKNFSTLQTVLCATGGGAYKFEKDFRTIGNLHLHK LDELDCLVKGLLYDSVSFNGQAECYFANASEPERCQKMPFNLDPPYLLVVNIGSGVSILAVHS KDNKYKRVGTSLGGGTFLGLCSLLTGCESFEEALEMASKGDSTQADKLVRDIYGGDYERFGLPG WAVASSFGNMMYKEKRESVSKEDLARATLVTTNNIGSVARMCVNEKINRVVFVGNFLRVNTLSM KLLAYALDYWSKGQLKALFLEHEGYFGAVGALLGLPNFS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (99)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (66.22 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 PANK3 expression in transfected 293T cell line by PANK3 monoclonal antibody (M01), clone 3D7.

Lane 1: PANK3 transfected lysate (Predicted MW: 41.1 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PANK3 is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — PANK3

Entrez GeneID [79646](#)**GeneBank Accession#** [BC013705](#)**Protein Accession#** [AAH13705](#)**Gene Name** PANK3**Gene Alias** FLJ12899, MGC16863**Gene Description** pantothenate kinase 3**Omim ID** [606161](#)**Gene Ontology** [Hyperlink](#)

Gene Summary This gene encodes a protein belonging to the pantothenate kinase family. Pantothenate kinase is a key regulatory enzyme in the biosynthesis of coenzyme A (CoA) in bacteria and mammalian cells. It catalyzes the first committed step in the universal biosynthetic pathway leading to CoA and is itself subject to regulation through feedback inhibition by CoA. This family member is expressed most abundantly in the liver. [provided by RefSeq]

Other Designations pantothenic acid kinase

Pathway

- [Metabolic pathways](#)
- [Pantothenate and CoA biosynthesis](#)