



[Go to Product page](#)

Datasheet for ABIN528978
anti-PANK3 antibody (AA 1-370)

3 Images

Overview

Quantity:	100 µg
Target:	PANK3
Binding Specificity:	AA 1-370
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PANK3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	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:	MKIKDAKKPS FPWFGMDIGG TLVKLSYFEP IDITAEQQE EVESLKSIRK YLTSNVAYGS TGIRDVHLEL KDLTLFGRRG NLHFIRFPTQ DLPTFIQMGR DKNFSTLQTV LCATGGGAYK FEKDFRTIGN LHLHKLDEL DCLVKGLLYID SVSFGNGQAE YFANASEPE RCQKMPFNLD DPYPLL VVNI GSGVSILAVH SKDNYKRV TG TSLGGGTFLG LCSLLTGCE FEEALEMASK GDSTQADKLV RDIYGGDYER FGLPGWAVAS SFGNMIYKEK RESVSKEDLA RATLVTITNN IGSVARMCAV NEKINRVV FV GNFLRVNTLS MKLLAYALDY WSKGQLKALF LEHEGYFGAV GALLGLPNFS
Clone:	3D7

Product Details

Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

Target Details

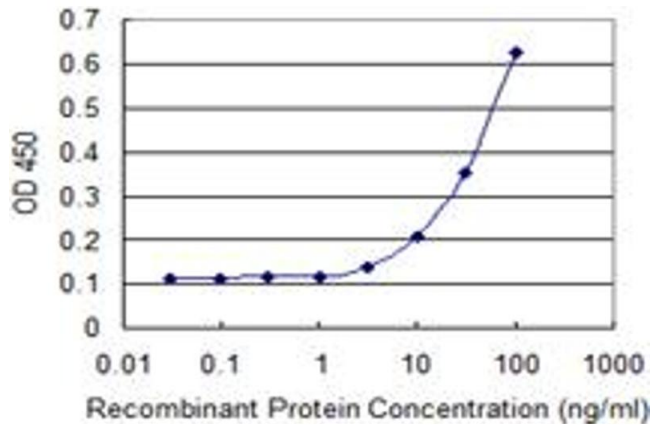
Target:	PANK3
Alternative Name:	PANK3 (PANK3 Products)
Background:	Full Gene Name: pantothenate kinase 3 Synonyms: FLJ12899,MGC16863
Gene ID:	79646
Pathways:	Ribonucleoside Biosynthetic Process

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

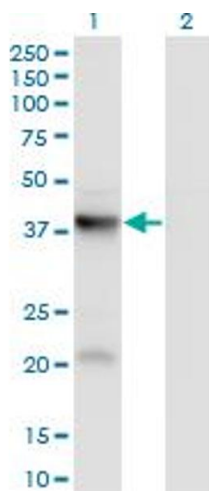
Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



ELISA

Image 1. Detection limit for recombinant GST tagged PANK3 is 3 ng/ml as a capture antibody.

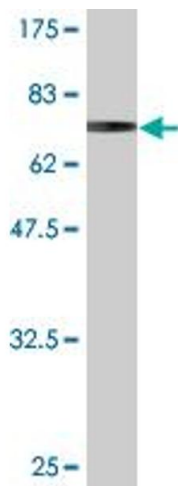


Western Blotting

Image 2. 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.



Western Blotting

Image 3. Western Blot detection against Immunogen (66.22 kDa).