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Datasheet for ABIN522026
anti-PDXK antibody (AA 1-312)

3 Images

Overview

Quantity:	100 µg
Target:	PDXK
Binding Specificity:	AA 1-312
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PDXK antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	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:	MEEECRVLSI QSHVIRGYVG NRAATFPLQV LGFEIDAVNS VQFSNHTGYA HWKGQVLNSD ELQELYEGLR LNNMNKYDYV LTGYTRDKSF LAMVVDIVQE LKQQNPRLVY VCDPVLGDKW DGECSMYVPE DLLPVYKEKV VPLADIITPN QFEAELLSGR KIHQSQEEALR VMDMLHSMGP DTVVITSSDL PSPQGSNYLI VLGSQRRRNP AGSVVMERIR MDIRKVDVAV VGTGDLFAAM LLAWTHKHPN NLKVACEKTV STLHHVLQRT IQCAKAQAGE GVRPSPMQLE LRMVQSKRDI EDPEIVVQAT VL
Clone:	4G6
Isotype:	IgG2a

Product Details

Cross-Reactivity: Human

Characteristics: Antibody Reactive Against Recombinant Protein.

Target Details

Target: PDXK

Alternative PDXK ([PDXK Products](#))

Name:

Background: Full Gene Name: pyridoxal (pyridoxine, vitamin B6) kinase

Synonyms:

C21orf124,C21orf97,DKFZp566A071,FLJ31940,FLJ37311,MGC15873,MGC31754,MGC52346,PKH,PNK,PRED79

Gene ID: 8566

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

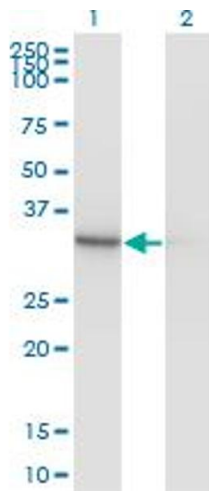
Handling

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.

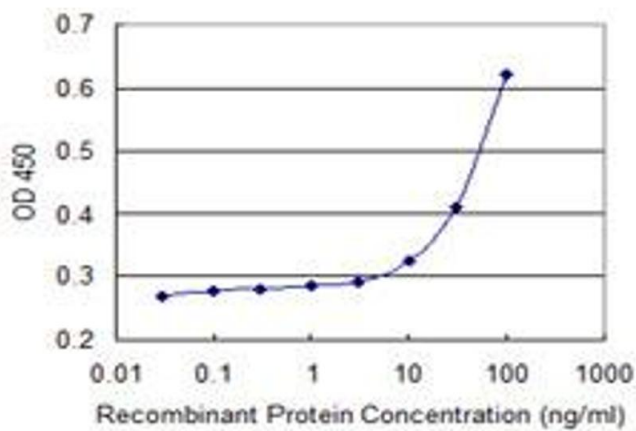


Western Blotting

Image 1. Western Blot analysis of PDXK expression in transfected 293T cell line by PDXK monoclonal antibody (M03), clone 4G6.

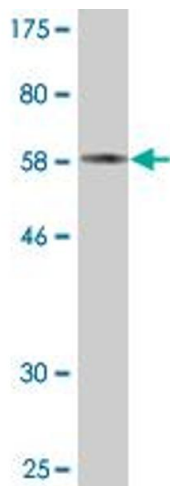
Lane 1: PDXK transfected lysate(35.1 kDa).

Lane 2: Non-transfected lysate.



ELISA

Image 2. Detection limit for recombinant GST tagged PDXK is 3 ng/ml as a capture antibody.



Western Blotting

Image 3. Western Blot detection against Immunogen (60.06 kDa) .