

Mouse Monoclonal Antibody to PDXK

Order Information

Catalog#	32391	
Size/Concentration	100µl	50µl
Price(¥)	2180	1280

Description

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.

Specification

Aliases : PKH; PNK; HMSN6C; PRED79; C21orf97; HEL-S-1a; C21orf124

Entrez GeneID : 8566

Swissprot : O00764

clone : 4B4G3

WB Predicted band size : 35kDa

Host/Isotype : Mouse IgG1

Storage : Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Species Reactivity : Human, Mouse

Immunogen : Purified recombinant fragment of human PDXK (AA:1-312) expressed in E. Coli.

Formulation : Purified antibody in PBS with 0.05% sodium azide

Application

WB	1/500 - 1/2000
IHC	1/200 - 1/1000
ICC	1/50 - 1/200
FCM	1/200 - 1/400

References

1. Ann Neurol. 2010 Mar;67(3):411-2; author reply 412.
2. Xi Bao Yu Fen Zi Mian Yi Xue Za Zhi. 2020 Jun;36(6):542-548.

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Protocol

WB - www.promab.com/protocol/wb.html

IHC - www.promab.com/protocol/ihc.html

ICC - www.promab.com/protocol/icc.html

HCM - www.promab.com/protocol/hcm.html

Antigen Sequence is available upon request.

Products and Services

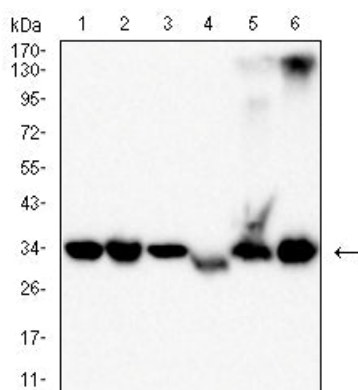
- Mouse Monoclonal Antibody
- Rat Monoclonal Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody

For Research Only

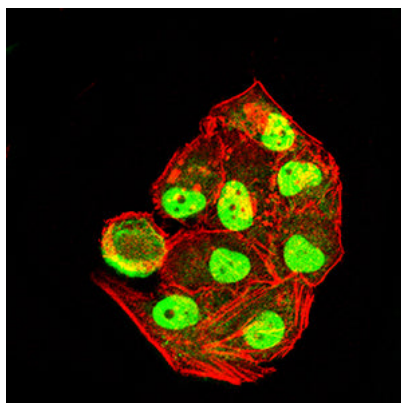
Application Key: WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

#32391

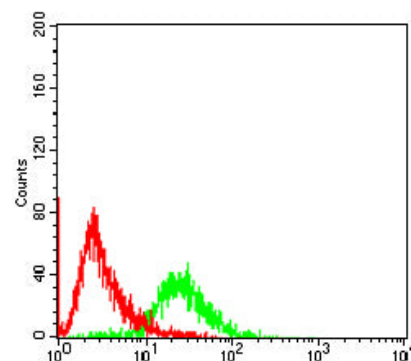
Mouse Monoclonal Antibody to PDXK



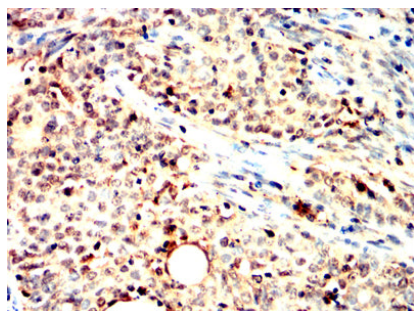
Western blot analysis using PDXK mouse mAb against Hela (1), HepG2 (2), MCF-7 (3), HEK293 (4), mouse liver (5) and mouse kidney (6) cell lysate.



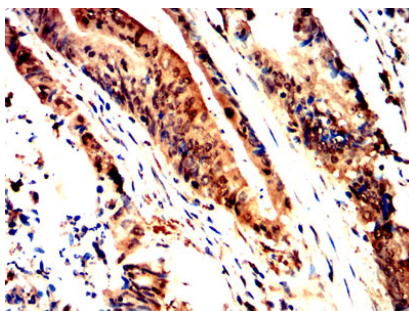
Immunofluorescence analysis of Hela cells using PDXK mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



Flow cytometric analysis of HEK293 cells using PDXK mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using PDXK mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissues using PDXK mouse mAb with DAB staining.

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