

Mouse PDXK Monoclonal Antibody | anti-PDXK antibody

PDXK antibody

CATALOG # AAA107303	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Flow Cytometry, Functional Assay
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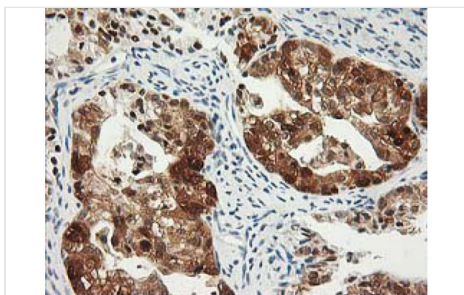
PRODUCT SYNONYMS

PDXK; Monoclonal Antibody; PDXK antibody; Monoclonal PDXK; Anti-PDXK; Pyridoxal Kinase; Pyridoxine Vitamin B6 Kinase; C21orf124; C21orf97; DKFZp566A071; FLJ31940; FLJ37311; MGC15873; MGC31754; MGC52346; PKH; PNK; PRED79; anti-PDXK antibody

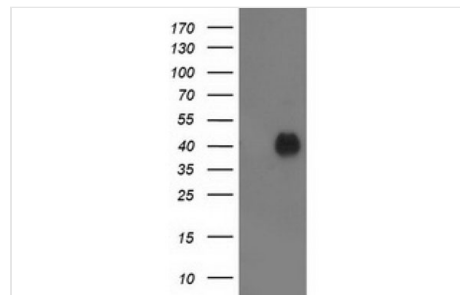
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3G2
Purity/Purification	PDXK antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	312
Applicable Applications for anti-PDXK antibody	WB (Western Blot), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Biological Significance	PDXK phosphorylates vitamin B6, a step required for the conversion of vitamin B6 to pyridoxal-5-phosphate, an important cofactor in intermediary metabolism. PDXK is cytoplasmic and probably acts as a homodimer.
Cross-Reactivity	Human
Immunogen	PDXK antibody was raised in mouse using a full length recombinant protein of human PDXK (NP_003672) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

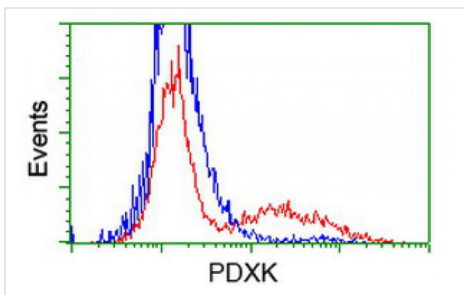
IMAGES


IHC (Immunohistochemistry)

Immunohistochemical analysis of PDXK protein in paraffin embedded Adenocarcinoma of Human ovary tissue using PDXK antibody


WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant PDXK protein (Right) or empty vector (Left) detected with PDXK antibody



FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant PDXK protein (red) or empty vector (blue) stained using PDXK antibody

ADDITIONAL INFORMATION

Related Product Information for anti-PDXK antibody	Mouse monoclonal PDXK antibody
Product Categories/Family for anti-PDXK antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505701
NCBI GeneID	8566
NCBI Accession #	NP_003672
NCBI GenBank Nucleotide #	NM_003681.4
UniProt Accession #	O00764; Q7Z2Y0; Q9BS02
Molecular Weight	26,827 Da
NCBI Official Full Name	pyridoxal kinase
NCBI Official Synonym Full Names	pyridoxal (pyridoxine, vitamin B6) kinase
NCBI Official Symbol	PDXK
NCBI Official Synonym Symbols	PKH; PNK; PRED79; C21orf97; HEL-S-1a; C21orf124
NCBI Protein Information	pyridoxal kinase
UniProt Protein Name	Pyridoxal kinase
UniProt Gene Name	PDXK
UniProt Synonym Gene Names	C21orf124; C21orf97; PKH; PNK
UniProt Entry Name	PDXK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pdxk-antibody-clone-3g2-western-blot-immunohistochemistry-flow-cytometry-elisa/107303>