Product Name: **PDXK Mouse Monoclonal Antibody**
Catalog #: **AMM82937**
For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC,FC
Reactivity	Human, Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ICC 1:50-1:200,FC 1:200-1:400
Molecular Weight	35kDa

Antigen Information

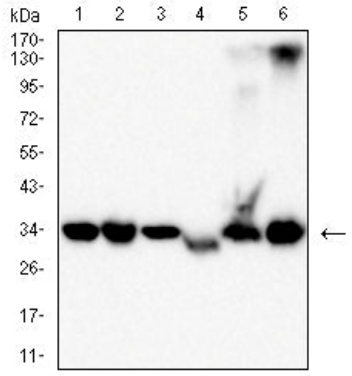
Gene Name	PDXK
Alternative Names	PKH; PNK; HMSN6C; PRED79; C21orf97; HEL-S-1a; C21orf124
Gene ID	8566.0
SwissProt ID	O00764
Immunogen	Purified recombinant fragment of human PDXK (AA:1-312) expressed in E. Coli.

Background

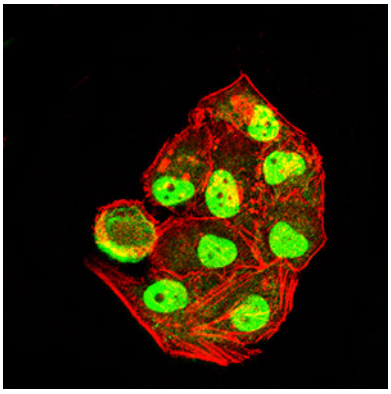
The protein encoded by this gene phosphorylates vitamin B6, a step required for the conversion of vitamin B6 to pyridoxal-5-phosphate, an important cofactor in intermediary metabolism. The encoded protein is cytoplasmic and probably acts as a homodimer. Alternatively spliced transcript variants have been described, but their biological validity has not been determined.

Research Area

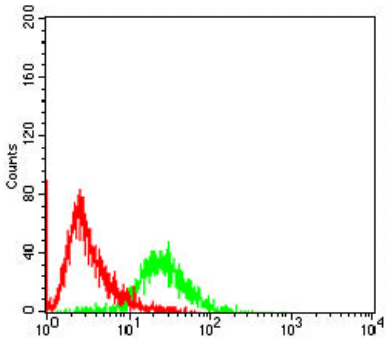
Image Data



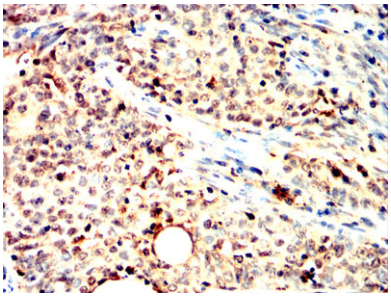
Western blot analysis using PDXK mouse mAb against Hela (1), HepG2 (2), MCF-7 (3), HEK293 (4), mouse liver (5) and mouse kidney (6) cell lysate.



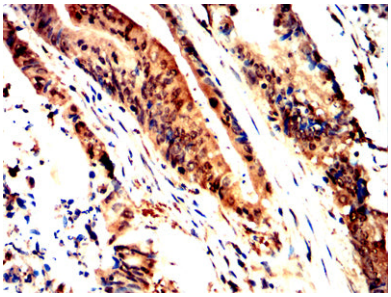
Immunofluorescence analysis of Hala cells using PDXK mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



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.