

## PDXK monoclonal antibody

Catalog: MB23414

Host: Mouse

Reactivity: Human, Mouse

### 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.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

35kDa

### Swiss-Prot:

O00764

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 IF:1/50 - 1/200  
FC:1/200 - 1/400

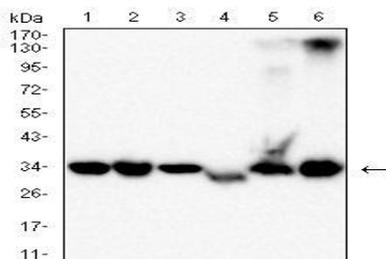
### Storage&Stability:

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

### Isotype:

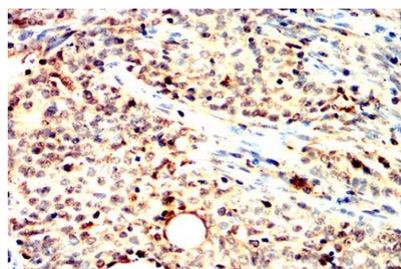
Mouse IgG1

### DATA:

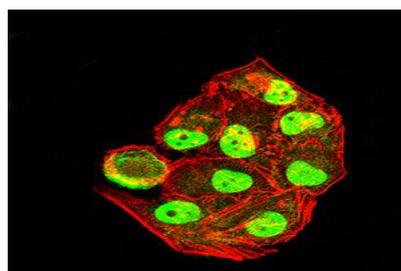


Western blot analysis using PDXK mouse mAb against Hela (1), HepG2

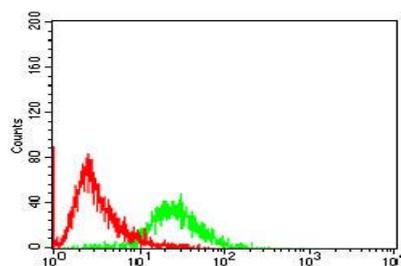
(2), MCF-7 (3), HEK293 (4), mouse liver (5) and mouse kidney (6) cell lysate.



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



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. Secondary antibody from Fisher (Cat#: 35503)



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

### Note:

For research use only, not for use in diagnostic procedure.

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