

## PDK2 monoclonal antibody

Catalog: MB21880

Host: Mouse

Reactivity: Human

### BackGround:

This gene encodes a member of the pyruvate dehydrogenase kinase family. The encoded protein phosphorylates pyruvate dehydrogenase, down-regulating the activity of the mitochondrial pyruvate dehydrogenase complex. Overexpression of this gene may play a role in both cancer and diabetes. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

### Product:

Purified antibody in PBS with 0.05% sodium azide.

### Molecular Weight:

46.2kDa

### Swiss-Prot:

Q15119

### 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 FC:1/200 - 1/400

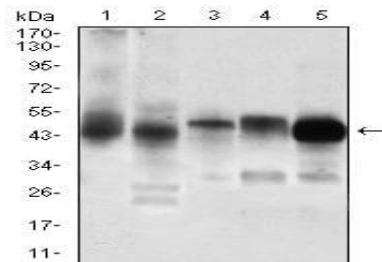
### Storage&Stability:

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

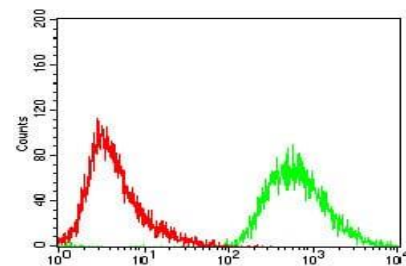
### Isotype:

Mouse IgG2b

### DATA:



Western blot analysis using PDK2 mouse mAb against Jurkat (1), C6 (2), Cos7 (3), K562 (4), A431 (5) cell lysate.



Flow cytometric analysis of A431 cells using PDK2 mouse mAb (green) and negative control (red).

### Note:

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

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