

## PBK monoclonal antibody

Catalog: MB21581

Host: Mouse

Reactivity: Human

### BackGround:

This genes encodes a serine/threonine kinase related to the dual specific mitogen-activated protein kinase kinase (MAPKK) family. Evidence suggests that mitotic phosphorylation is required for its catalytic activity. This mitotic kinase may be involved in the activation of lymphoid cells and support testicular functions, with a suggested role in the process of spermatogenesis.

### Product:

Ascitic fluid containing 0.03% sodium azide.

### Molecular Weight:

36kDa

### Swiss-Prot:

Q96KB5

### 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:1/200 - 1/1000  
FC:1/200 - 1/400

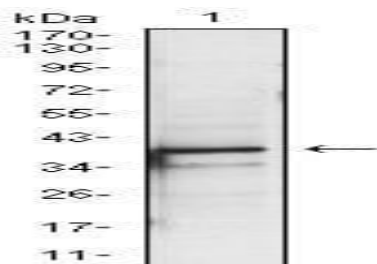
### Storage&Stability:

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

### Isotype:

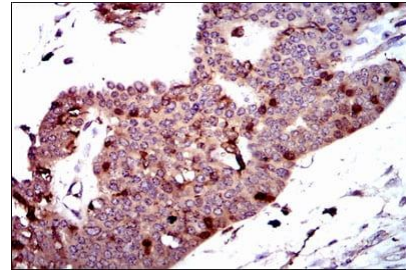
Mouse IgG2b

### DATA:

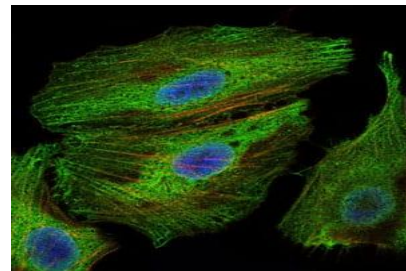


Western blot analysis using PBK mouse mAb against A431 (1) cell ly-

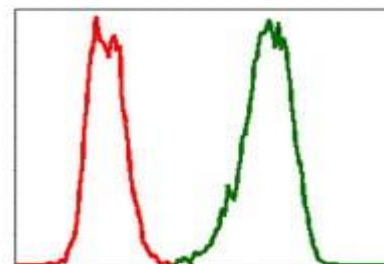
sate.



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



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



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

### Note:

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

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