

PAK2 monoclonal antibody

Catalog: MB21236

Host: Mouse

Reactivity: Human, Monkey

Background:

PAK2, also known as P21 (CDKN1A)-activated kinase 2. The p21 activated kinases (PAK) are critical effectors that link Rho GTPases to cytoskeleton reorganization and nuclear signaling. The PAK proteins are a family of serine/threonine kinases that serve as targets for the small GTP binding proteins, CDC42 and RAC1, and have been implicated in a wide range of biological activities. PAK2 is activated by proteolytic cleavage during caspase-mediated apoptosis, and may play a role in regulating the apoptotic events in the dying cell. PAK2 has been shown to interact with SH3KBP1, CDC42 and Abl gene.

Product:

Purified antibody in PBS with 0.05% sodium azide.

Molecular Weight:

61kDa

Swiss-Prot:

Q13177

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

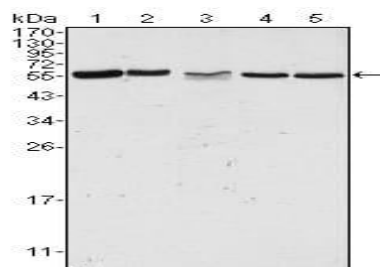
Storage&Stability:

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

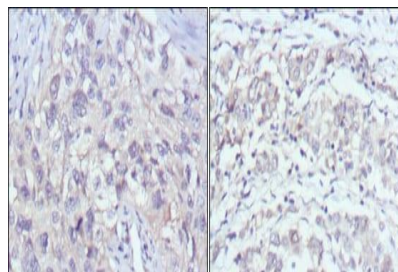
Isotype:

Mouse IgG1

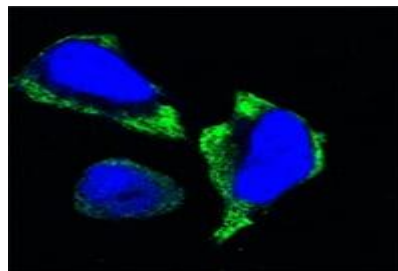
DATA:



Western blot analysis using PAK2 mouse mAb against HeLa (1), Jurkat (2), A549 (3), HEK293 (4) and K562 (5) cell lysate.



Immunohistochemical analysis of paraffin-embedded human lung cancer (left) and gastric cancer (right) using PAK2 mouse mAb with DAB staining.



Confocal Immunofluorescence analysis of HeLa cells using PAK2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

Note:

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

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