PAK2 Mouse Monoclonal Antibody

E10-20356

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.

Catalog Number: E10-20356

Amount: 100µg/100µl

Clone Number: 3B5

Species: Mouse IgG1

MW: 61kDa

Aliases: PAK65; PAKgamma

Entrez Gene: 5062

Immunogen: Purified recombinant fragment of PAK2 expressed in E. Coli.

Storage: Store at 4 °C for 1 month. For long term storage, store at -20 °C.

Formulation: Ascitic fluid containing 0.03% sodium azide.

Species Reactivities: Human ; Monkey

Tested Applications: WB,IHC,IF,ELISA. Not yet tested in other applications. Determining optimal working dilutions by titration test.

Application notes: WB: 1/500 - 1/2000,IHC: 1/200 - 1/1000.IF: 1/200 - 1/1000..ELISA: Propose dilution 1/10000.

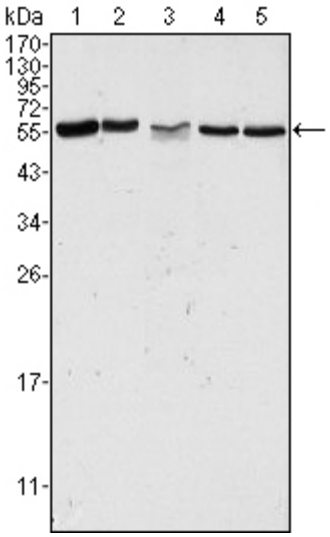

Figure 1: Western blot analysis using PAK2 mouse mAb against Hela (1), Jurkat (2), A549 (3), HEK293 (4) and K562 (5) cell lysate.

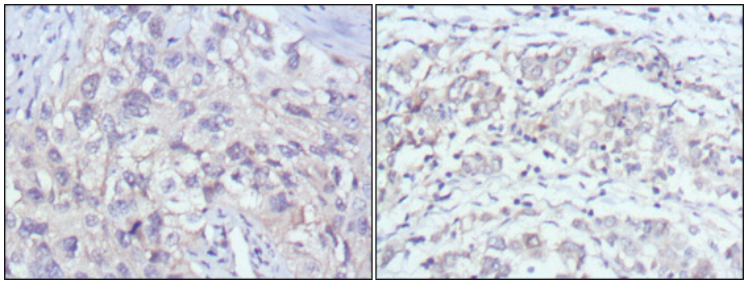

Figure 2: Immunohistochemical analysis of paraffin-embedded human lung cancer (left) and gastric cancer (right) using PAK2 mouse mAb with DAB staining.

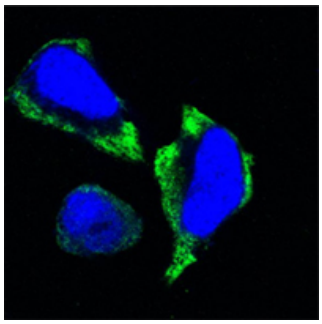

Figure 3: Confocal immunofluorescence analysis of Hela cells using PAK2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye.

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