

PAK2 (7H3) MOUSE MAB

Cat.#: N261193

Product Name: Anti-PAK2 (7H3) Mouse Monoclonal Antibody

Synonyms: PAK2; Serine/threonine-protein kinase PAK 2; Gamma-PAK; PAK65; S6/H4 kinase; p21-activated kinase 2; PAK-2; p58

UNIPROT ID: Q13177

Background: The activated kinase acts on a variety of targets. Phosphorylates ribosomal protein S6, histone H4 and myelin basic protein. Full length PAK 2 stimulates cell survival and cell growth. The process is, at least in part, mediated by phosphorylation and inhibition of pro-apoptotic BAD.

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

Applications: WB,IHC-F,IHC-P,ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 7H3-E2-F5

MW: Calculated MW: 58 kDa; Observed MW: 61 kDa

Isotype: IgG1

Purification: Ascitic Fluid

Species Reactivity: Human,Monkey

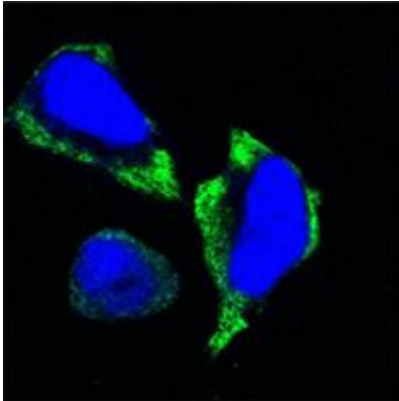
Conjugation: Unconjugated

Modification: Unmodified

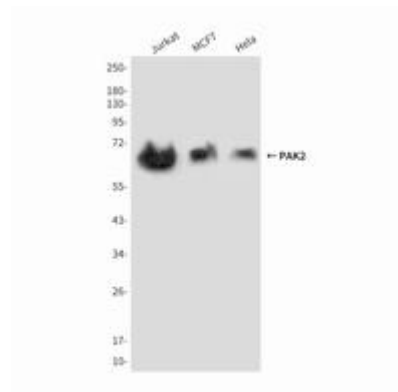
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Cell Biology

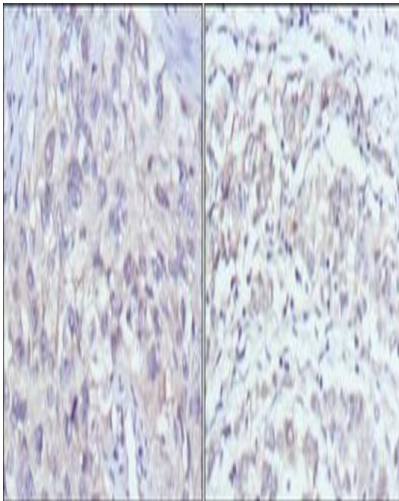
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunofluorescence analysis of PAK2 (7H3) in HeLa using PAK2 antibody (green). Blue: DRAQ5 fluorescent DNA dye.



Western blot analysis of PAK2 in Jurkat, MCF-7 and HeLa lysates using PAK2 antibody.



Immunohistochemistry analysis of paraffin-embedded Human lung cancer (left) and gastric cancer (right) using PAK2 antibody with DAB staining. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.