

## 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

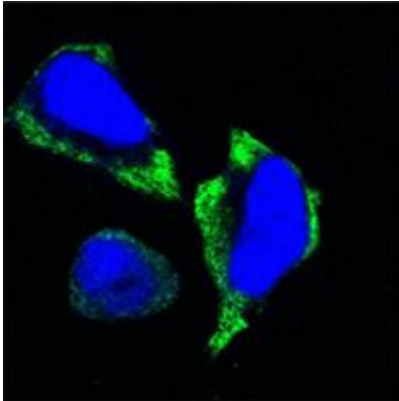
**Conjugation:** Unconjugated

**Modification:** Unmodified

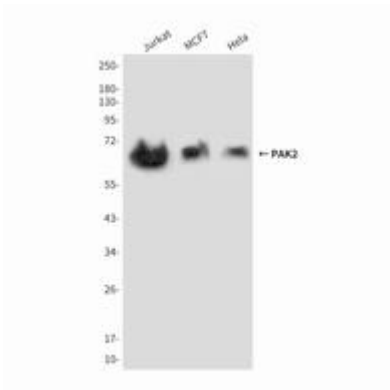
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Cell Biology

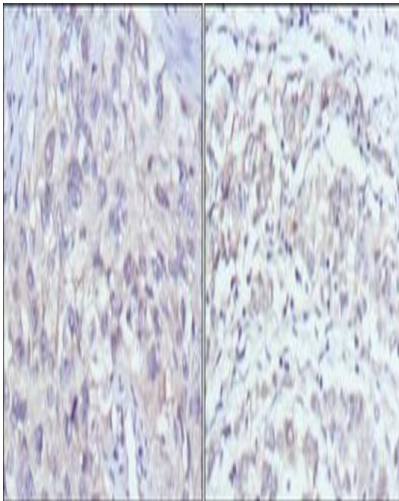
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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.