

Product Name: PAK2 (7H3) Mouse Monoclonal Antibody**Catalog #: AMM03571**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ICC/IF
Reactivity	Human,Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS containing 0.03% sodium azide.
Purification	Ascitic Fluid

Application

Dilution Ratio	WB 1:500-1:1000,IHC 1:50-1:100,ICC/IF 1:50-1:200
Molecular Weight	Calculated MW: 58 kDa; Observed MW: 61 kDa

Antigen Information

Gene Name	PAK2
Alternative Names	PAK2; Serine/threonine-protein kinase PAK 2; Gamma-PAK; PAK65; S6/H4 kinase; p21-activated kinase 2; PAK-2; p58
Gene ID	5062
SwissProt ID	Q13177
Immunogen	A synthetic peptide corresponding to target protein

Background

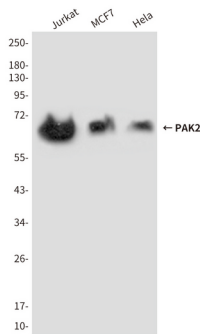
The activated kinase acts on a variety of targets. Phosphorylates ribosomal protein S6, histone H4 and myelin basic protein. Full length PAK 2 stimulates cell survival and cell growth. The process is, at least in part, mediated by phosphorylation and inhibition

of pro-apoptotic BAD.

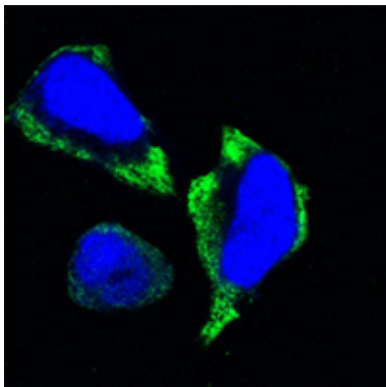
Research Area

Cell Biology

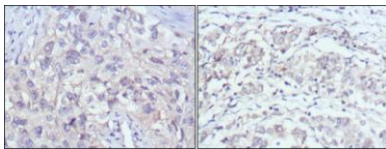
Image Data



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



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



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.