

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

Summary

Production Name	PAK2 (7H3) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB,IHC-F,IHC-P,ICC/IF
Reactivity	Human,Monkey

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Ascitic fluid containing 0.03% sodium azide.
Purification	Ascitic Fluid

Immunogen

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

Application

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

Background

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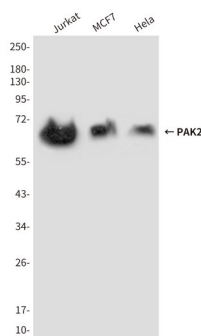


The activated kinase acts on a variety of targets. Phosphorylates ribosomal protein S6, histone H4 and myelin basic protein. Full length PAK 2 stimulates cell survival and cell growth. The process is, at least in part, mediated by phosphorylation and inhibition of pro-apoptotic BAD.

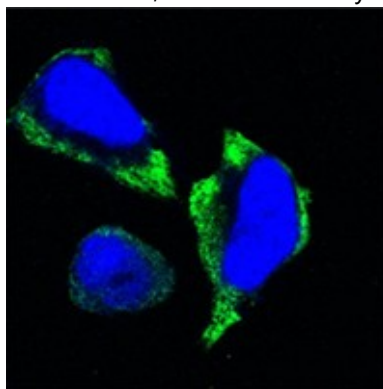
Research Area

Cell Biology

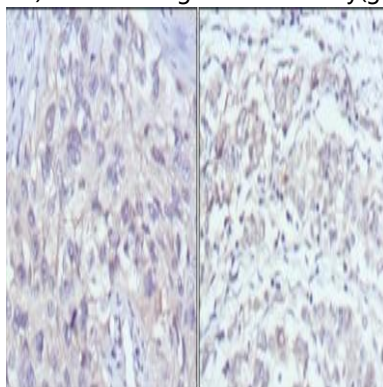
Image Data



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



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antibody with DAB staining. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.