

Mouse PAK2 Antibody | anti-PAK2 antibody

PAK2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108833	Mouse	Human, Monkey	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

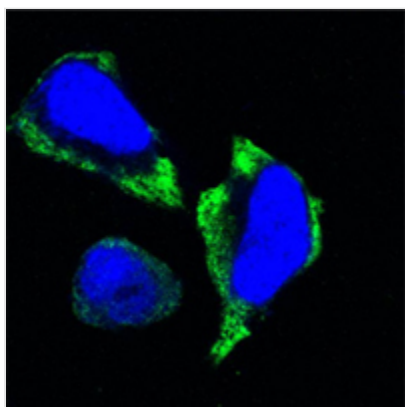
PRODUCT SYNONYMS

PAK2; PAK2 Antibody; PAK65; PAKgamma; anti-PAK2 antibody

PRODUCT SPECIFICATIONS

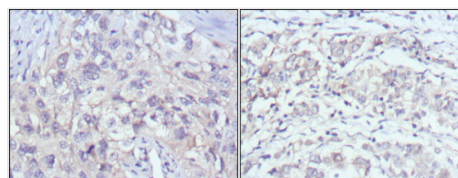
Host	Mouse
Reactivity	Human, Monkey
Isotype	IgG1
Clone Number	3B5
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	524
Applicable Applications for anti-PAK2 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of PAK2 expressed in E. Coli.
Preparation and Storage	Store at 4 degree C, for long term storage, store at -20 degree C

IMAGES



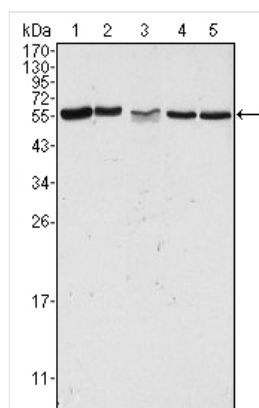
IF (Immunofluorescence)

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



IHC (Immunohistochemistry)

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



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-PAK2 antibody	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.
Product Categories/Family for anti-PAK2 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	32483399
NCBI GeneID	5062
NCBI Accession #	NP_002568.2
NCBI GenBank Nucleotide #	NM_002577.4
UniProt Accession #	Q13177; Q13154; Q6ISC3
Molecular Weight	61kDa
NCBI Official Full Name	serine/threonine-protein kinase PAK 2
NCBI Official Synonym Full Names	p21 (RAC1) activated kinase 2
NCBI Official Symbol	PAK2
NCBI Official Synonym Symbols	PAK65; PAKgamma
NCBI Protein Information	serine/threonine-protein kinase PAK 2
UniProt Protein Name	Serine/threonine-protein kinase PAK 2
UniProt Gene Name	PAK2
UniProt Synonym Gene Names	PAK-2; p27; p34

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.