

Mouse PAK2 Monoclonal Antibody | anti-PAK2 antibody

PAK2 antibody

CATALOG # AAA106555	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, ELISA
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PRODUCT SYNONYMS

PAK2; Monoclonal Antibody; PAK2 antibody; Monoclonal PAK2; Anti-PAK2; PAK-2; PAK 2; Serine/threonine-protein kinase PAK 2; anti-PAK2 antibody

PRODUCT SPECIFICATIONS

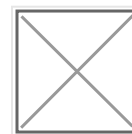
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3B5
Form/Format	Supplied as a liquid in ascitic fluid containing 0.03% sodium azide.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	540
Applicable Applications for anti-PAK2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA
Biological Significance	Serine/threonine-protein kinase PAK 2 is an enzyme that in humans is encoded by the PAK2 gene. 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. The protein encoded by this gene is activated by proteolytic cleavage during caspase-mediated apoptosis, and may play a role in regulating the apoptotic events in the dying cell.
Cross-Reactivity	Human, Monkey
Immunogen	PAK2 antibody was raised in Mouse using a purified recombinant fragment of PAK2 expressed in E Coli as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human lung cancer (left) and gastric cancer (right) using PAK2 antibody with DAB staining.



WB (Western Blot)

Western Blot showing PAK2 antibody used against Hela (1), Jurkat (2), A549 (3), HEK293 (4) and K562 (5) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-PAK2 antibody	Mouse monoclonal PAK2 antibody
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Product Categories/Family for anti-PAK2 antibody

Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	5138914
Molecular Weight	60,520 Da
NCBI Official Full Name	PAK2
UniProt Protein Name	Non-specific serine/threonine protein kinase
UniProt Entry Name	Q9Y6B5_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/pak2-antibody-clone-3b5-western-blot-immunohistochemistry-immunofluorescence-elisa/106555>