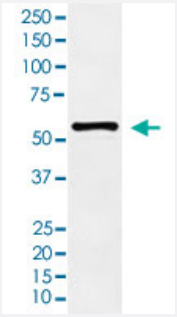
PAK2 monoclonal antibody, clone ADFE-16

Catalog # MAB22147 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HeLa cell lysate.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human PAK2.
Immunogen	A synthetic peptide corresponding to human PAK2.
Host	Rabbit
Reactivity	Human
Specificity	The antibody reacts with human PAK2, in native form and recombinant. Superfamily members of PA K2 are not reactive to this antibody.
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Flow Cytometry (1:80) Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:100-1:500) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C for short term storage. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
- Immunofluorescence
- Immunocytochemistry
- Flow Cytometry
- Western Blot (Cell lysate)

  Western blot analysis of HeLa cell lysate.

Gene Info — PAK2

Entrez GeneID	5062
Protein Accession#	Q13177
Gene Name	PAK2
Gene Alias	PAK65, PAKgamma
Gene Description	p21 protein (Cdc42/Rac)-activated kinase 2
Omim ID	605022
Gene Ontology	Hyperlink
Gene Summary	The p21 activated kinases (PAK) are critical effectors that link Rho GTPases to cytoskeleton reor ganization and nuclear signaling. The PAK proteins are a family of serine/threonine kinases that s erve 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 proteolyti c cleavage during caspase-mediated apoptosis, and may play a role in regulating the apoptotic e vents in the dying cell. [provided by RefSeq

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Other Designations	S6/H4 kinase|p21 (CDKN1A)-activated kinase 2|p21-activated kinase 2

Pathway

- Axon guidance
- ErbB signaling pathway
- Focal adhesion
- MAPK signaling pathway
- Regulation of actin cytoskeleton
- Renal cell carcinoma
- T cell receptor signaling pathway

Disease

- Genetic Predisposition to Disease
- HIV Infections
- Schizophrenia

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