SZABO SCANDIC

Part of Europa Biosite

Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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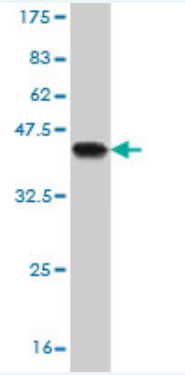
PAK2 monoclonal antibody (M01), clone 1E1

Catalog # : H00005062-M01 **規格 :** [100 ug]

List All

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant PAK2.
Immunogen:	PAK2 (NP_002568, 131 a.a. ~ 230 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	DSNTVKQKYLSFTPPEKDGFPSGTPALNAKGTEAPAVVTEEEDDDEETAPPVIAPRPDHTKSIYTRSVIDPVPAPVGDSHVDGAAKSLDKQKKKTKMTDE
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 Kappa
Quality Control Testing:	Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.63 KDa) .

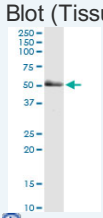
Storage Buffer:	In 1x PBS, pH 7.4
Storage Instruction:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
MSDS:	Download
Datasheet:	Download

Applications

Western Blot (Tissue lysate)

Application Image

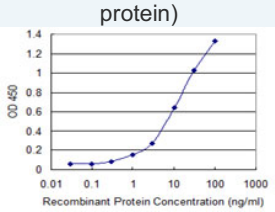
Western Blot (Tissue lysate)



enlarge

Western Blot (Recombinant protein)

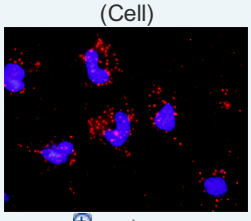
Sandwich ELISA (Recombinant protein)



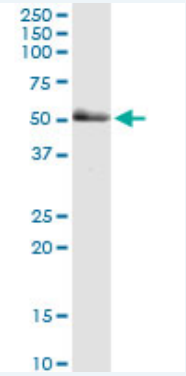
enlarge

ELISA

In situ Proximity Ligation Assay (Cell)



enlarge



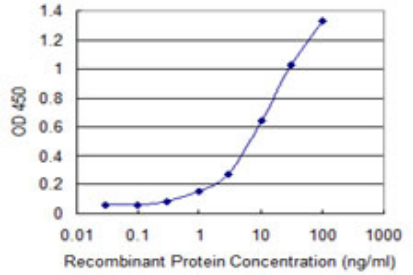
PAK2 monoclonal antibody (M01), clone 1E1. Western Blot analysis of PAK2 expression in human liver.

Protocol Download

Western Blot (Recombinant protein)

Protocol Download

Sandwich ELISA (Recombinant protein)

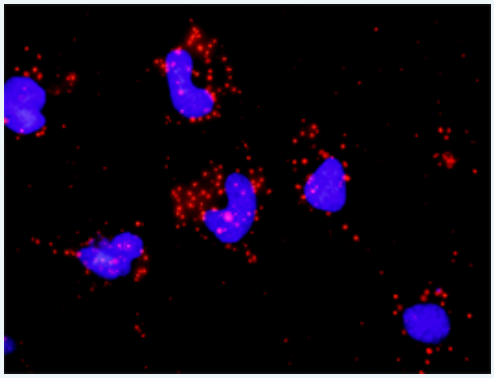


Detection limit for recombinant GST tagged PAK2 is 0.1 ng/ml as a capture antibody.

Protocol Download

ELISA

***In situ* Proximity Ligation Assay (Cell)**



Proximity Ligation Analysis of protein-protein interactions between CASP3 and PAK2. HeLa cells were stained with anti-CASP3 rabbit purified polyclonal 1:1200 and anti-PAK2 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).

Gene Information

Entrez GeneID:	5062
GeneBank Accession#:	NM_002577
Protein Accession#:	NP_002568
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 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. [provided by RefSeq
Other Designations:	S6/H4 kinase,p21 (CDKN1A)-activated kinase 2,p21-activated kinase 2

Gene Pathway

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

Related Disease

Genetic Predisposition to Disease HIV Infections Schizophrenia

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