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Datasheet for ABIN518609 anti-PAK2 antibody (AA 131-230)

4 Images



Overview

Quantity:	100 µg
Target:	PAK2
Binding Specificity:	AA 131-230
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PAK2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Proximity Ligation Assay (PLA)

Product Details

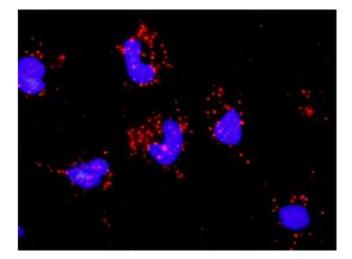
Purpose:	Mouse monoclonal antibody raised against a partial recombinant PAK2.
Immunogen:	PAK2 (NP_002568, 131 a.a. ~ 230 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	DSNTVKQKYL SFTPPEKDGF PSGTPALNAK GTEAPAVVTE EEDDDEETAP PVIAPRPDHT KSIYTRSVID PVPAPVGDSH VDGAAKSLDK QKKKTKMTDE
Clone:	1E1
lsotype:	lgG1
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

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Target Details

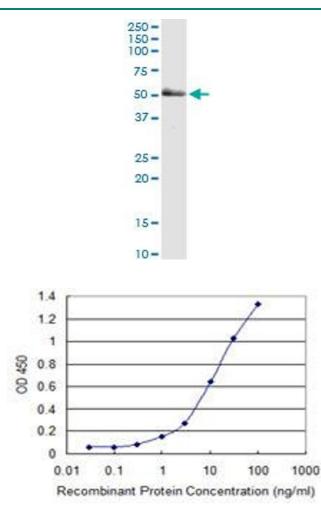
Target:	PAK2
Alternative Name:	PAK2 (PAK2 Products)
Background:	Full Gene Name: p21 protein (Cdc42/Rac)-activated kinase 2
	Synonyms: PAK65,PAKgamma
Gene ID:	5062
NCBI Accession:	NM_002577
Pathways:	MAPK Signaling, RTK Signaling, TCR Signaling, Fc-epsilon Receptor Signaling Pathway,
	Regulation of Lipid Metabolism by PPARalpha
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Images



Proximity Ligation Assay

Image 1. 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).



Western Blotting

Image 2. PAK2 monoclonal antibody (M01), clone 1E1. Western Blot analysis of PAK2 expression in human liver.

ELISA

Image 3. Detection limit for recombinant GST tagged PAK2 is 0.1 ng/ml as a capture antibody.

Please check the product details page for more images. Overall 4 images are available for ABIN518609.