

For Research Use Only

PAK4 Monoclonal antibody

Catalog Number: 68298-1-Ig



Basic Information

Catalog Number: 68298-1-Ig	GenBank Accession Number: BC025282	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 10298	CloneNo.: 2G6A3
Source: Mouse	UNIPROT ID: O96013	Recommended Dilutions: WB 1:5000-1:50000 IF/ICC 1:1500-1:6000
Isotype: IgG2b	Full Name: p21 protein (Cdc42/Rac)-activated kinase 4	
Immunogen Catalog Number: AG6364	Calculated MW: 64 kDa	
	Observed MW: 64 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: Human, Mouse, Rat	WB : A549 cells, MCF-7 cells, LNCaP cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells
	IF/ICC : HeLa cells,

Background Information

PAK4(p21-activated kinase 4) is also named as KIAA1142. It belongs to the protein kinase superfamily. PAK4 regulates cell morphology, cytoskeletal organization, and cell proliferation and migration. It can also function as an antiapoptotic protein (PMID:14517283). It has 4 isoforms produced by alternative splicing. And it can be autophosphorylated on serine residues when activated by CDC42/p21 (PMID:11278822).

Storage

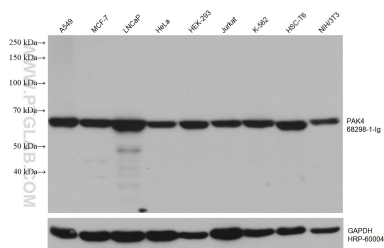
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

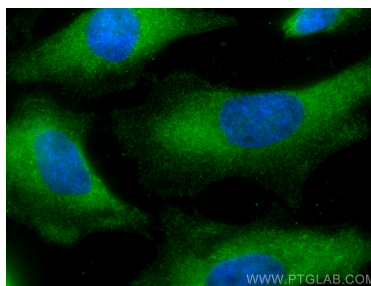
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68298-1-Ig (PAK4 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using PAK4 antibody (68298-1-Ig, Clone: 2G6A3) at dilution of 1:3000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).