

For Research Use Only

# PAK4 Monoclonal antibody, PBS Only



Catalog Number: 68298-1-PBS

## Basic Information

<b>Catalog Number:</b> 68298-1-PBS	<b>GenBank Accession Number:</b> BC025282	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 10298	<b>CloneNo.:</b> 2G6A3
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O96013	
<b>Isotype:</b> IgG2b	<b>Full Name:</b> p21 protein (Cdc42/Rac)-activated kinase 4	
<b>Immunogen Catalog Number:</b> AG6364	<b>Calculated MW:</b> 64 kDa	
	<b>Observed MW:</b> 64 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA, IF

**Species Specificity:**  
Human, Mouse, Rat

## 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 -80°C.

**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:

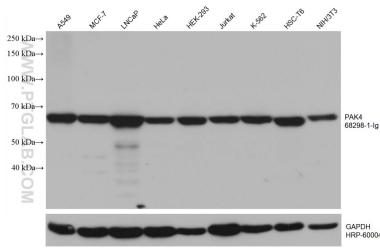
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

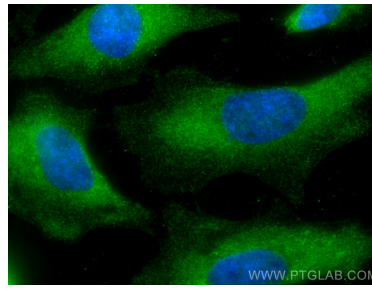
W: [ptgcn.com](http://ptgcn.com)

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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. This data was developed using the same antibody clone with 68298-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 68298-1-PBS in a different storage buffer formulation.