

For Research Use Only

CoraLite® Plus 488-conjugated PAK4 Monoclonal antibody

Catalog Number: CL488-68298



Basic Information

Catalog Number: CL488-68298	GenBank Accession Number: BC025282	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 10298	CloneNo.: 2G6A3
Source: Mouse	UNIPROT ID: O96013	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG2b	Full Name: p21 protein (Cdc42/Rac)-activated kinase 4	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG6364	Calculated MW: 64 kDa	
	Observed MW: 64 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HeLa cells,
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).

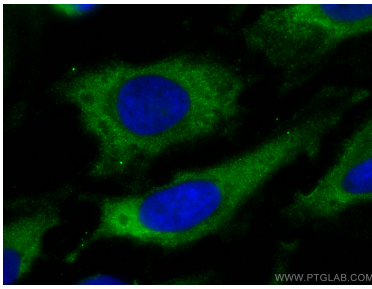
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using Coralite® Plus 488 PAK4 antibody (CL488-68298, Clone: 2G6A3) at dilution of 1:100.