

For Research Use Only

CoraLite® Plus 488-conjugated PAK4 Monoclonal antibody



Catalog Number: CL488-68298

Basic Information

Catalog Number:

CL488-68298

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG6364

GenBank Accession Number:

BC025282

GeneID (NCBI):

10298

UNIPROT ID:

O96013

Full Name:

p21 protein (Cdc42/Rac)-activated
kinase 4

Calculated MW:

64 kDa

Observed MW:

64 kDa

Purification Method:

Protein A purification

CloneNo.:

2G6A3

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima
wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF/ICC

Species Specificity:

Human, Mouse, Rat

Positive Controls:

IF : 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. 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:

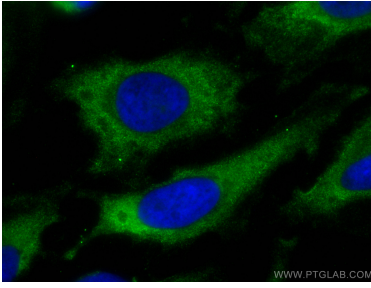
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.