For Research Use Only

PAK4 Monoclonal antibody

Catalog Number:68298-1-Ig

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
68298-1-Ig

Size:
150ul , Concentration: 1000 μg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG6364

GenBank Accession Number:
BC025282

GeneID (NCBI):
10298

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:
WB 1:5000-1:50000

Applications

Tested Applications:
WB, ELISA

Species Specificity:
Human, Mouse, Rat

Positive Controls:

WB : A549 cells, MCF-7 cells, LNCaP cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 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).

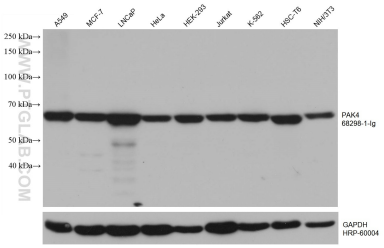
Storage

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

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.