For Research Use Only

PAK7 Monoclonal antibody

Catalog Number:66961-1-Ig

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Basic Information

Catalog Number:
66961-1-Ig

Size:
150ul , Concentration: 1600 μg/ml by Nanodrop and 940 μg/ml by Bradford method using BSA as the standard;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG27299

GenBank Accession Number:
BC024179

GeneID (NCBI):
57144

Full Name:
p21 protein (Cdc42/Rac)-activated kinase 7

Calculated MW:
719 aa, 81 kDa

Observed MW:
80 kDa

Purification Method:
Protein A purification

CloneNo.:
1H3B6

Recommended Dilutions:
WB 1:1000-1:6000
IF 1:400-1:1600

Applications

Tested Applications:
IF, WB, ELISA

Species Specificity:
Human, Mouse, Rat, Pig

Positive Controls:

WB : mouse brain tissue, pig brain tissue, rat brain tissue

IF : U-251 cells,

Background Information

PAK7(p21-activated kinase 7) is also named as KIAA1264, PAK5 and belongs to the STE Ser/Thr protein kinase family. It plays a role in a variety of different signaling pathways including cytoskeleton regulation, cell migration, proliferation or cell survival.

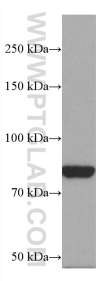
Storage

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

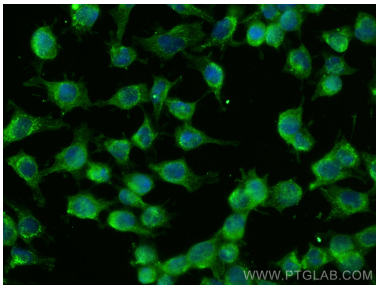
***** 20ul sizes contain 0.1% BSA**

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



mouse brain tissue were subjected to SDS PAGE followed by western blot with 66961-1-Ig (PAK7 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed U-251 cells using PAK7 antibody (66961-1-Ig, Clone: 1H3B6) at dilution of 1:800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).