

For Research Use Only

PINK1 Recombinant antibody, PBS Only (Capture)

Catalog Number: 81991-4-PBS



Basic Information

Catalog Number:

81991-4-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19825

GenBank Accession Number:

BC028215

GeneID (NCBI):

65018

UNIPROT ID:

Q9BXM7

Full Name:

PTEN induced putative kinase 1

Calculated MW:

581 aa, 63 kDa

Purification Method:

Protein A purification

CloneNo.:

240449E7

Applications

Tested Applications:

WB, FC (Intra), Cytometric bead array, Indirect ELISA

Species Specificity:

human, mouse, rat

Background Information

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

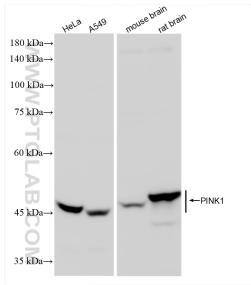
T: 4006900926

E: Proteintech-CN@ptglab.com

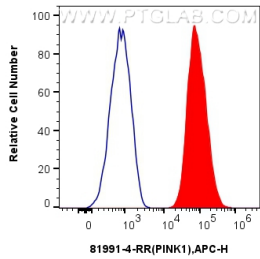
W: ptgcn.com

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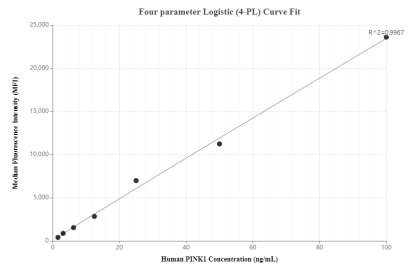
Selected Validation Data



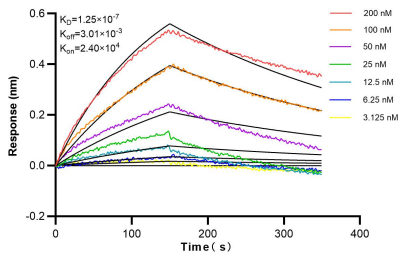
Various lysates were subjected to SDS PAGE followed by western blot with 81991-4-RR (PINK1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 81991-4-PBS in a different storage buffer formulation.



1×10^6 Jurkat cells were intracellularly stained with 0.25 μ g PINK1 Recombinant antibody (81991-4-RR, Clone:240449E7) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 μ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 81991-4-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00404-3, PINK1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 81991-4-PBS. Detection antibody: 81991-2-PBS. Standard: Ag19825. Range: 1.56-100 ng/mL.



Bioluminescence resonance energy transfer (BLI) kinetic assays of 81991-4-RR against Human PINK1 were performed. The affinity constant is 125 nM.