

For Research Use Only

# PLEK2 Recombinant antibody

Catalog Number: 85619-4-RR



## Basic Information

### Catalog Number:

85619-4-RR

### Size:

100ul , Concentration: 1000 µg/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2297

### GenBank Accession Number:

BC001226

### GeneID (NCBI):

26499

### UNIPROT ID:

Q9NYTO

### Full Name:

pleckstrin 2

### Calculated MW:

353 aa, 40 kDa

### Observed MW:

38-40 kDa

### Purification Method:

Protein A purification

### CloneNo.:

242987B7

### Recommended Dilutions:

WB 1:1000-1:6000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human

### Positive Controls:

WB : HT-29 cells, U2OS cells, PC-3 cells, Caco-2 cells

## Background Information

PLEK2 belongs to the Pleckstrin homology domain family and is a 40-kDa protein containing the prototypic PH domains at its amino and carboxyl termini (PMID: 10419454). PLEK2 associates with membrane-bound phosphatidylinositols generated by phosphatidylinositol 3-kinase. PLEK2 interacts with the actin cytoskeleton to induce cell spreading.

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

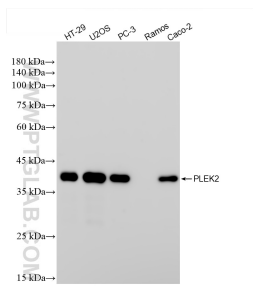
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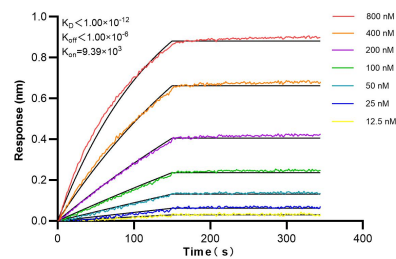
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## Selected Validation Data



HT-29, U2OS, PC-3, Caco-2 (positive) and Ramos (negative) cells were subjected to SDS PAGE followed by western blot with 85619-4-RR (PLEK2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85619-4-RR against Human PLEK2 were performed. The affinity constant is below 1 pM.