

For Research Use Only

PLEK2 Recombinant antibody, PBS Only

Catalog Number: 85619-4-PBS



Basic Information

Catalog Number:

85619-4-PBS

Size:

100ug, Concentration: 1 mg/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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

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 -80°C.

Storage Buffer:

PBS only, pH7.3

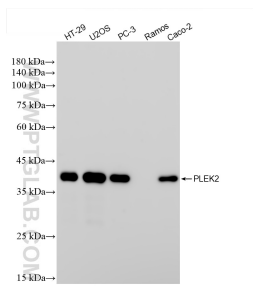
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

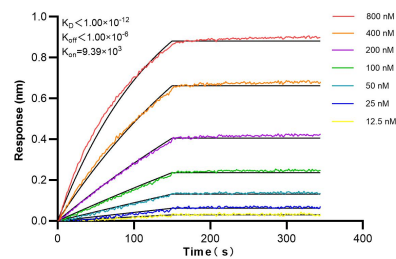
E: proteintech@ptglab.com
W: ptglab.com

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

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. This data was developed using the same antibody clone with 85619-4-PBS in a different storage buffer formulation.



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