

For Research Use Only

ARHGAP4 Recombinant antibody, PBS Only

Catalog Number: 85648-2-PBS



Basic Information

Catalog Number:

85648-2-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10091

GenBank Accession Number:

BC052303

GeneID (NCBI):

393

UNIPROT ID:

P98171

Full Name:

Rho GTPase activating protein 4

Calculated MW:

986 aa, 109 kDa

Observed MW:

115-120 kDa

Purification Method:

Protein A purification

CloneNo.:

242995B5

Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human

Background Information

ARHGAP4 (Rho GTPase-Activating Protein 4), also named as KIAA0131, RGC1, RHOGAP4, is a member of the RhoGAP family, which regulates Rho GTPases by accelerating their hydrolysis of GTP to GDP, thereby inactivating these signaling molecules. Rho GTPases are critical regulators of cytoskeletal dynamics, cell motility, and intracellular trafficking.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

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

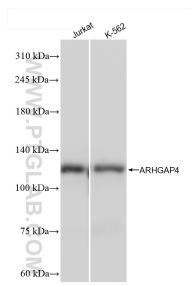
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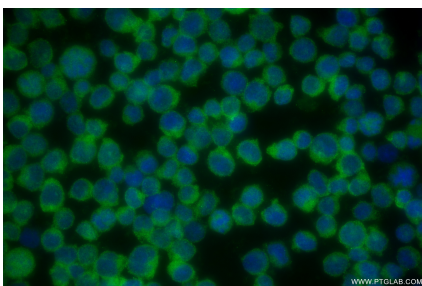
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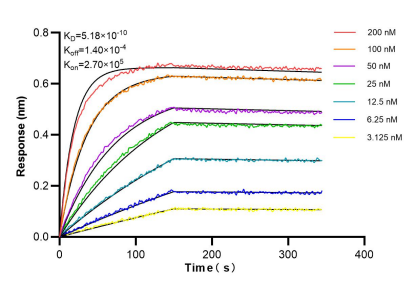
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85648-2-RR (ARHGAP4 antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85648-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using ARHGAP4 antibody (85648-2-RR, Clone: 242995B5) at dilution of 1:500 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 85648-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85648-2-RR against Human ARHGAP4 were performed. The affinity constant is 0.518 nM.