For Research Use Only

ROCK2 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:86649-3-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
86649-3-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG16330

GenBank Accession Number:
BC111801

GeneID (NCBI):
9475

UNIPROT ID:
O75116

Full Name:
Rho-associated, coiled-coil containing protein kinase 2

Calculated MW:
77 kDa, 161 kDa

Purification Method:
Protein A purification

CloneNo.:
251651F6

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

86649-3-PBS targets ROCK2 as part of a matched antibody pair:

MP02743-1: 86649-1-PBS capture and 86649-3-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

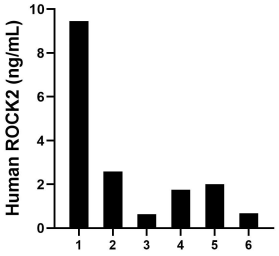
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

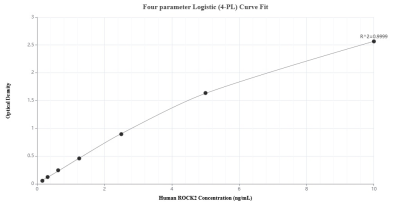
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

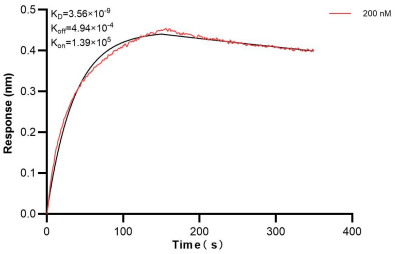
Selected Validation Data



Plasma of six individual healthy human donors was measured. The human ROCK2 concentration of detected samples was determined to be 2.85 ng/mL with a range of 0.64 - 9.46 ng/mL.



Sandwich ELISA standard curve of MP02743-1, Human ROCK2 Recombinant Matched Antibody Pair - PBS only. 86649-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag16330. 86649-3-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



Biolayer interferometry (BLI) kinetic assay of 86649-3-PBS against Human ROCK2 was performed. The affinity constant is 3.56 nM.