ILK Recombinant antibody, PBS Only (Capture)

Catalog Number:85428-7-PBS

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb
www.ptglab.com

Basic Information

Catalog Number:
85428-7-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG3570

GenBank Accession Number:
BC001554

GeneID (NCBI):
3611

UNIPROT ID:
Q13418

Full Name:
integrin-linked kinase

Calculated MW:
451 aa, 59 kDa

Purification Method:
Protein A purification

CloneNo.:
242982B5

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

85428-7-PBS targets ILK as part of a matched antibody pair:

MP01945-3: 85428-7-PBS capture and 85428-6-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.
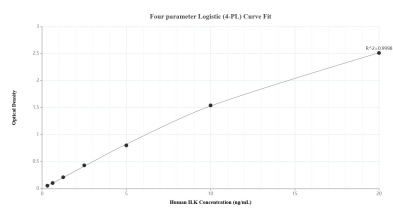
Storage

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

Selected Validation Data

Four parameter Logistic (4-PL) Curve Fit

Sandwich ELISA standard curve of MP01945-3, Human ILK Recombinant Matched Antibody Pair - PBS only. 85428-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3570. 85428-6-PBSwas HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL.
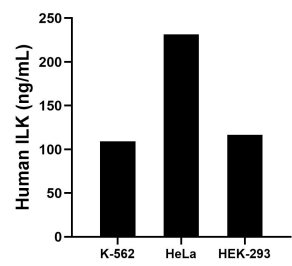
The mean ILK concentration was determined to be 109.04 ng/mL in K-562 cell extract based on a 3.00 mg/mL extract load, 231.54 ng/mL in HeLa cell extract based on a 3.00 mg/mL extract load and 116.50 ng/mL in HEK-293 cell extract based on a 4.50 mg/mL extract load.