AKAP1 Recombinant antibody, PBS Only (Capture)

proteintech®
Antibodies | ELISA kits | Proteins
Uni-rAb

Catalog Number:**85119-5-PBS**

www.ptglab.com

Basic Information

Catalog Number:
85119-5-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG8037

GenBank Accession Number:
BC000729

GeneID (NCBI):
8165

UNIPROT ID:
Q92667

Full Name:
A kinase (PRKA) anchor protein 1

Calculated MW:
97 kDa

Purification Method:
Protein A purification

CloneNo.:
242763G4

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

85119-5-PBS targets AKAP1 as part of a matched antibody pair:

MP01840-3: 85119-5-PBS capture and 85119-4-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.
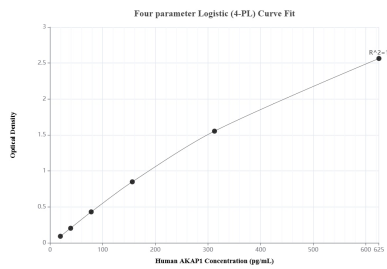
Storage

Storage:
Store at -80℃.
Storage Buffer:
PBS Only

Selected Validation Data

Four parameter Logistic (4-PL) Curve Fit

Sandwich ELISA standard curve of MP01840-3, Human AKAP1 Recombinant Matched Antibody Pair - PBS only. 85119-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag8037. 85119-4-PBS was HRP conjugated as the detection antibody. Range: 19.5-625 pg/mL.
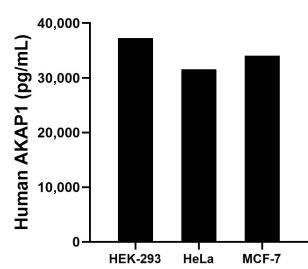
The mean AKAP1 concentration was determined to be 37,245.6 pg/mL in HEK-293 cell extract based on a 2.7 mg/mL extract load, 31,538.9 pg/mL in HeLa cell extract based on a 1.5 mg/mL extract load and 34,041.8 pg/mL in MCF-7 cell extract based on a 3.5 mg/mL extract load.