For Research Use Only

a-Actinin Recombinant antibody, PBS Only (Capture)

Catalog Number:86340-4-PBS

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

Basic Information

Catalog Number:
86340-4-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG1859

GenBank Accession Number:
BC015766

GeneID (NCBI):
87

UNIPROT ID:
P12814

Full Name:
actinin, alpha 1

Calculated MW:
103 kDa

Purification Method:
Protein A purification

CloneNo.:
250833F6

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

86340-4-PBS targets a-Actinin as part of a matched antibody pair:

MP02360-2: 86340-4-PBS capture and 86340-3-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.

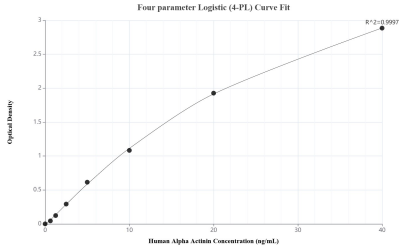
This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

Storage

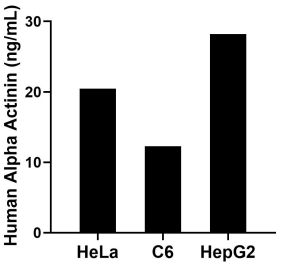
Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

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

Selected Validation Data



Sandwich ELISA standard curve of MP02360-2, Human Alpha Actinin Recombinant Matched Antibody Pair - PBS only. 86340-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag1859. 86340-3-PBS was HRP conjugated as the detection antibody. Range: 0.625-40 ng/mL



The mean Alpha Actinin concentration was determined to be 20.47 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load, 12.30 ng/mL in C6 cell extract based on a 1.20 mg/mL extract load and 28.22 ng/mL in HepG2 cell extract based on a 1.30 mg/mL extract load.