For Research Use Only

AMPK Beta 1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03713-1

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

Capture Antibody Information

Catalog Number:
88497-3-PBS

Clone ID:
260706C11

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
protein kinase, AMP-activated, beta 1 non-catalytic subunit

Isotype:
IgG

Immunogen Catalog Number:
Ag0301

Gene ID:
5564

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
88497-2-PBS

Clone ID:
260706E10

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
protein kinase, AMP-activated, beta 1 non-catalytic subunit

Isotype:
IgG

GenBank:
BC001007

Gene ID:
5564

Purification Method:
Protein A purification

Immunogen Catalog Number:
Ag0301

Applications

Tested Applications:
Sandwich ELISA

Range:
0.313-20 ng/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP03713-1 targets AMPK Beta 1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: PRKAB1 Recombinant monoclonal antibody, PBS Only (Capture) 88497-3-PBS (260706C11). 100 µg. Concentration 1 mg/ml.

Detection antibody: PRKAB1 Recombinant monoclonal antibody, PBS Only (Detector) 88497-2-PBS (260706E10). 100 µg. Concentration 1 mg/ml.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only 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.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

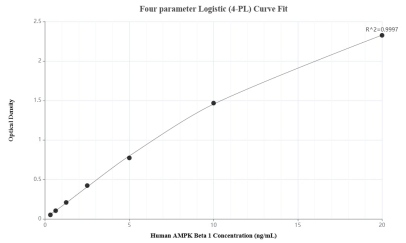
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

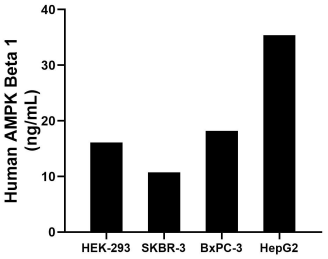
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



Sandwich ELISA standard curve of MP03713-1, Human AMPK Beta 1 Recombinant Matched Antibody Pair - PBS only. 88497-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag0301. 88497-2-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



The mean AMPK Beta 1 concentration was determined to be 16.10 ng/mL in HEK-293 cell extract based on a 1.2 mg/mL extract load, 10.75 ng/mL in SKBR-3 cell extract based on a 1.2 mg/mL extract load, 18.21 ng/mL in BxPC-3 cell extract based on a 1.2 mg/mL extract load and 35.41 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load.