For Research Use Only

PRKAB1 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:88497-3-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
88497-3-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG0301

GenBank Accession Number:
BC001007

GeneID (NCBI):
5564

UNIPROT ID:
Q9Y478

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

Calculated MW:
38 kDa

Purification Method:
Protein A purification

CloneNo.:
260706C11

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

88497-3-PBS targets PRKAB1 as part of a matched antibody pair:

MP03713-1: 88497-3-PBS capture and 88497-2-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.

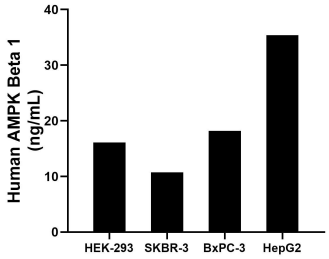
Storage

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

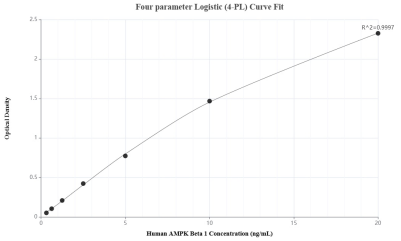
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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.



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