For Research Use Only

# PRKAB1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:88497-2-PBS

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## Basic Information

Catalog Number:
88497-2-PBS

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.:
260706E10

## Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

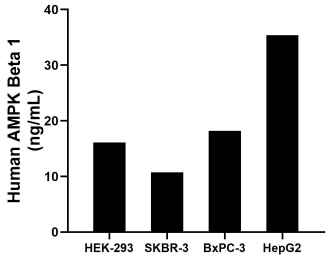
Species Specificity:
human

## Background Information

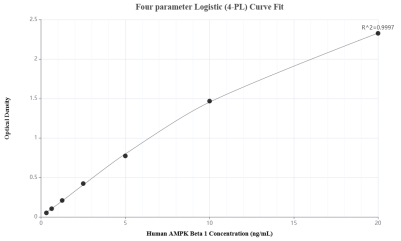
## Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

## 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