For Research Use Only

PGK1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:87478-2-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
87478-2-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG12119

GenBank Accession Number:
BC103752

GeneID (NCBI):
5230

UNIPROT ID:
P00558

Full Name:
phosphoglycerate kinase 1

Calculated MW:
417 aa, 45 kDa

Purification Method:
Protein A purification

CloneNo.:
252909G5

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87478-2-PBS targets PGK1 as part of a matched antibody pair:

MP03209-1: 87478-3-PBS capture and 87478-2-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.

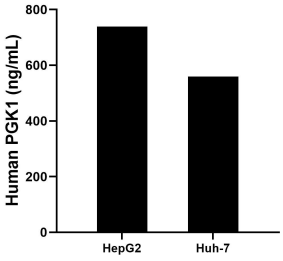
Storage

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

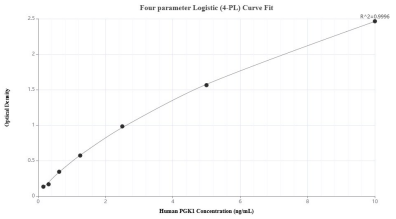
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



The mean PGK1 concentration was determined to be 739.28 ng/mL in HepG2 cell extract based on a 1.2 mg/mL extract load and 558.80 ng/mL in Huh-7 cell extract based on a 1.2 mg/mL extract load.



Sandwich ELISA standard curve of MP03209-1, Human PGK1 Recombinant Matched Antibody Pair - PBS only. 87478-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag12119. 87478-2-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL