

For Research Use Only

GPAM Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00994-3

Capture Antibody Information

Catalog Number:

84054-2-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

241144B8

Reactivity:

human

Immunogen Catalog Number:

Ag3120

Conjugate:

Unconjugated

Full name:

glycerol-3-phosphate acyltransferase, mitochondrial

Gene ID:

57678

Detection Antibody Information

Catalog Number:

84054-4-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

241144H3

Reactivity:

human

GenBank:

BC030783

Immunogen Catalog Number:

Ag3120

Conjugate:

Unconjugated

Full name:

glycerol-3-phosphate acyltransferase, mitochondrial

Gene ID:

57678

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA

Range:

1.25-80 ng/mL (Cytometric Bead Array)
3.91-125 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

MP00994-3 targets GPAM in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: GPAM Recombinant antibody, PBS Only (Capture) 84054-2-PBS (241144B8). 100 µg. Concentration 1 mg/mL.

Detection antibody: GPAM Recombinant antibody, PBS Only (Detector) 84054-4-PBS (241144H3). 100 µg. Concentration 1 mg/mL.

Alternative GPAM matched antibody pairs: MP00994-1, MP00994-2

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:

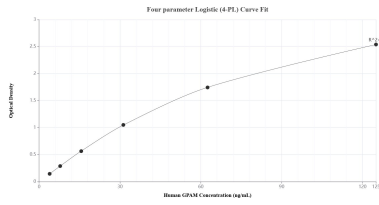
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com

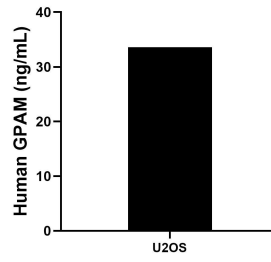
W: ptglab.com

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

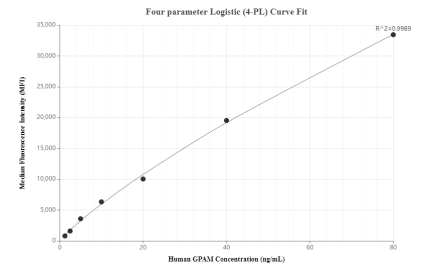
Selected Validation Data



Sandwich ELISA standard curve of MP00994-3, Human GPAM Recombinant Matched Antibody Pair - PBS only. 84054-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag3120. 84054-4-PBS was HRP conjugated as the detection antibody. Range: 3.91-125 ng/mL.



The mean GPAM concentration was determined to be 33.60 ng/mL in U2OS cell extract based on a 1.50 mg/mL extract load.



Cytometric bead array standard curve of MP00994-3, GPAM Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84054-2-PBS. Detection antibody: 84054-4-PBS. Standard: Ag3120. Range: 1.25-80 ng/mL.