

For Research Use Only



# PLCG1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP01700-3

## Capture Antibody Information

Catalog Number:

84941-1-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

242529A11

Reactivity:

human

Immunogen Catalog Number:

Ag27218

Conjugate:

Unconjugated

Full name:

phospholipase C, gamma 1

Gene ID:

5335

## Detection Antibody Information

Catalog Number:

84941-2-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

242529D6

Reactivity:

human

GenBank:

Ag27218

Immunogen Catalog Number:

Ag27218

Conjugate:

Unconjugated

Full name:

phospholipase C, gamma 1

Gene ID:

5335

## 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

MP01700-3 targets PLCG1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: PLCG1 Recombinant antibody, PBS Only (Capture) 84941-1-PBS (242529A11). 100 µg. Concentration 1 mg/mL.

Detection antibody: PLCG1 Recombinant antibody, PBS Only (Detector) 84941-2-PBS (242529D6). 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

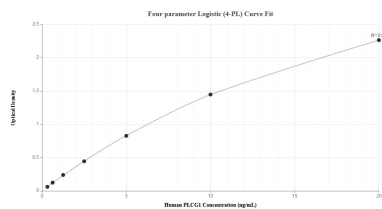
For technical support and original validation data for this product please contact:

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

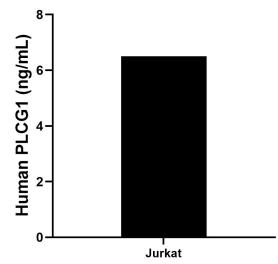
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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## Selected Validation Data



Sandwich ELISA standard curve of MP01700-3, Human PLCG1 Recombinant Matched Antibody Pair - PBS only. 84941-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag27218. 84941-2-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



The mean PLCG1 concentration was determined to be 6.50 ng/mL in Jurkat cell extract based on a 1.2 mg/mL extract load.