

FGL1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02439-2**

Capture Antibody Information

Catalog Number:

86426-4-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

251192D5

Reactivity:

human

Immunogen Catalog Number:

Eg2765

Conjugate:

Unconjugated

Full name:

fibrinogen-like 1

Gene ID:

2267

Detection Antibody Information

Catalog Number:

86426-5-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

251192C2

Reactivity:

human

GenBank:

NM_004467.4

Immunogen Catalog Number:

Eg2765

Conjugate:

Unconjugated

Full name:

fibrinogen-like 1

Gene ID:

2267

Applications

Tested Applications:

Sandwich ELISA

Range:

0.781-50 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

MP02439-2 targets FGL1 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: FGL1 Recombinant monoclonal antibody, PBS Only (Capture) 86426-4-PBS (251192D5). 100 µg. Concentration 1 mg/mL.

Detection antibody: FGL1 Recombinant monoclonal antibody, PBS Only (Detector) 86426-5-PBS (251192C2). 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

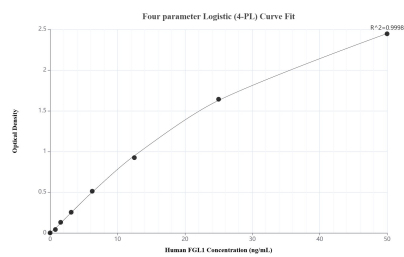
For technical support and original validation data for this product please contact:

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

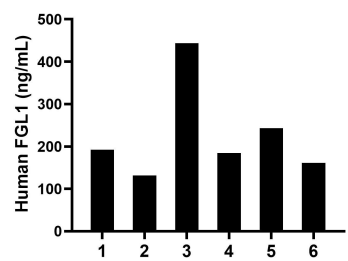
E: proteintech@ptglab.com
W: ptglab.com

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

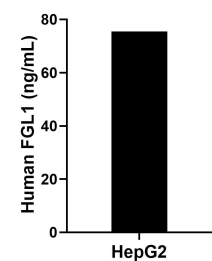
Selected Validation Data



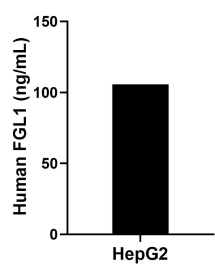
Sandwich ELISA standard curve of MP02439-2, Human FGL1 Recombinant Matched Antibody Pair - PBS only. 86426-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2765. 86426-5-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL



Plasma of six individual healthy human donors was measured. The FGL1 concentration of detected samples was determined to be 226.03 ng/mL with a range of 131.55-443.76 ng/mL.



The mean FGL1 concentration was determined to be 75.51 ng/mL in HepG2 cell extract based on a 1.20 mg/mL extract load.



HepG2 were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human FGL1, and measured 105.60 ng/mL