

For Research Use Only

FGL1 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 86426-4-PBS



Basic Information

Catalog Number: 86426-4-PBS	GenBank Accession Number: NM_004467.4	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2267	CloneNo.: 251192D5
Source: Rabbit	UNIPROT ID: Q08830	
Isotype: IgG	Full Name: fibrinogen-like 1	
Immunogen Catalog Number: EG2765	Calculated MW: 36 kDa	

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

86426-4-PBS targets FGL1 as part of a matched antibody pair:

MP02439-1: 86426-4-PBS capture and 86426-3-PBS detection (validated in Cytometric bead array)

MP02439-2: 86426-4-PBS capture and 86426-5-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.

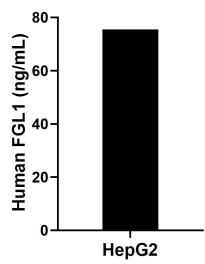
Storage

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

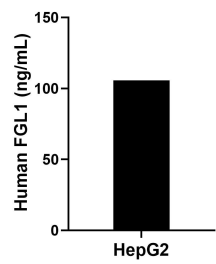
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

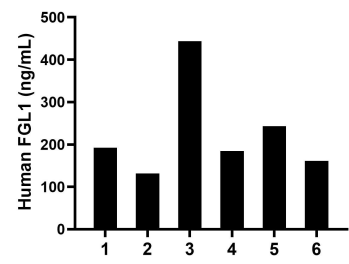
Selected Validation Data



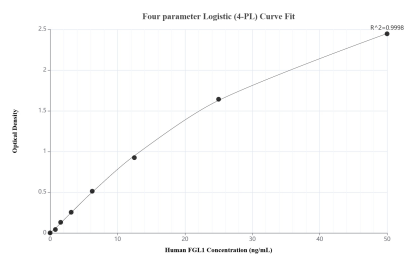
The mean FGL1 concentration was determined to be 75.51 ng/mL in HepG2 cell extract based on a 1.20 mg/mL extract load.



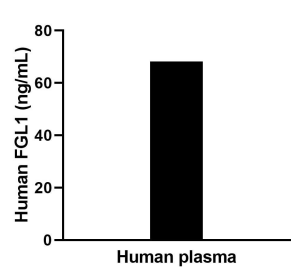
HepG2 were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human FGL1, and measured 105.60 ng/mL.



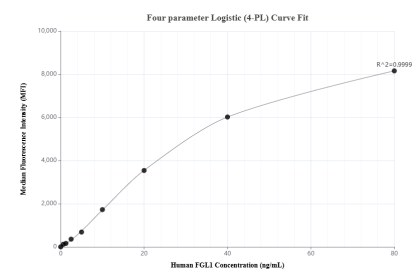
Plasma of six individual healthy human donors was measured. The FGL1 concentration of detected samples was determined to be 226.03 ng/mL with a range of 131.55-443.76 ng/mL.



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.



The mean FGL1 concentration was determined to be 69.0 ng/mL in human plasma.



Cytometric bead array standard curve of MP02439-1, FGL1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86426-4-PBS. Detection antibody: 86426-3-PBS. Standard: Eg2765. Range: 0.625-80 ng/mL.