

For Research Use Only

# Fibrinogen gamma chain Recombinant antibody

Catalog Number: 84616-4-RR



## Basic Information

Catalog Number:

84616-4-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM\_133862.2

GeneID (NCBI):

99571

UNIPROT ID:

Q8VCM7

Full Name:

fibrinogen gamma chain

Calculated MW:

49kDa

Observed MW:

50 kDa

Purification Method:

Protein A purification

CloneNo.:

241958B3

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse

Positive Controls:

WB : mouse spleen tissue, mouse liver tissue

## Background Information

Fibrinogen gamma chain, also known as Fgg. It is an isomeric hexamer, which is linked by disulfide bonds. It contains two groups of three different chains ( $\alpha$ ,  $\beta$  and  $\gamma$ ). The two heterotrimers are head-to-head conformation, and the N-terminal is in a small central domain (by similarity). It is polymerized with fibrinogen  $\alpha$  (FGA) and fibrinogen  $\beta$  (FGB) to form insoluble fibrin matrix. In addition, it plays a role in stabilizing injury in the early stage of wound repair and guiding cell migration in the process of epithelial re-formation. The molecular weight of Fgg is 50 kDa.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

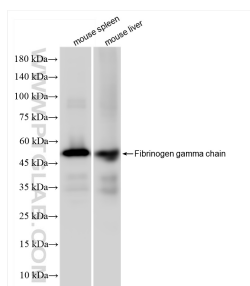
T: 4006900926

E: Proteintech-CN@ptglab.com

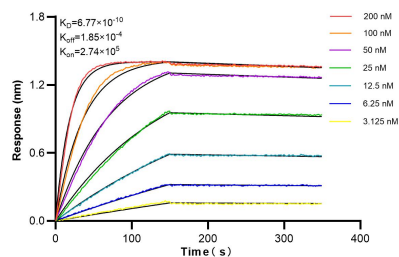
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84616-4-RR (Fibrinogen gamma chain antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84616-4-RR against Mouse Fibrinogen gamma chain were performed. The affinity constant is 0.677 nM.