

For Research Use Only

Mouse Fibrinogen gamma chain Recombinant antibody, PBS Only

Catalog Number: 84616-4-PBS



Basic Information

Catalog Number: 84616-4-PBS	GenBank Accession Number: NM_133862.2	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 99571	CloneNo.: 241958B3
Source: Rabbit	UNIPROT ID: Q8VCM7	
Isotype: IgG	Full Name: fibrinogen gamma chain	
	Calculated MW: 49kDa	
	Observed MW: 50 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
mouse

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 (α , β and γ). 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 α (FGA) and fibrinogen β (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 -80°C .
Storage Buffer:
PBS Only

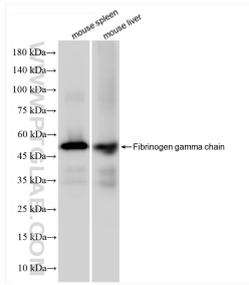
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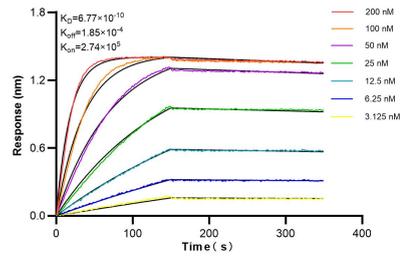
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Selected Validation Data



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. This data was developed using the same antibody clone with 84616-4-PBS in a different storage buffer formulation.



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