

For Research Use Only

# Mouse Coagulation factor II Recombinant antibody, PBS Only

Catalog Number: 83957-4-PBS



## Basic Information

Catalog Number:	83957-4-PBS	GenBank Accession Number:	NM_010168.3	Purification Method:	Protein A purification
Concentration:	1 mg/ml	GenID (NCBI):	14061	CloneNo.:	241013D9
Source:	Rabbit	UNIPROT ID:	P19221		
Isotype:	IgG	Full Name:	coagulation factor II		
Immunogen Catalog Number:	EG0943	Calculated MW:	70 kDa		
		Observed MW:	70-80 kDa		

## Applications

### Tested Applications:

WB, Indirect ELISA

### Species Specificity:

mouse, rat

## Background Information

Normal blood coagulation is a complex process, involving a cascade of activation of different plasma proteins, ultimately resulting in the formation of a clot, called fibrin. Coagulation Factor II (F2), also known as prothrombin or factor II, is one of the components of this chain of plasma proteins involved in blood coagulation. Prothrombin is the precursor of thrombin, which is essential in the processes of hemostasis and thrombosis. This antibody specifically recognizes mouse Coagulation Factor II.

## Storage

### Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

### Storage Buffer:

PBS only, pH7.3

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

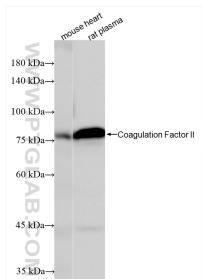
T: 4006900926

E: Proteintech-CN@ptglab.com

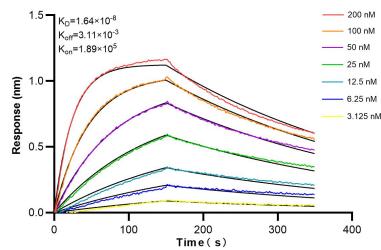
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 83957-4-RR (Coagulation factor II antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83957-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 83957-4-RR against Mouse Coagulation factor II were performed. The affinity constant is 16.4 nM.