

For Research Use Only

# Coagulation factor II Recombinant antibody, PBS Only (Detector)

Catalog Number: 86124-1-PBS



## Basic Information

Catalog Number:	86124-1-PBS	GenBank Accession Number:	NM_000506.5	Purification Method:	Protein A purification
Concentration:	1 mg/ml	GeneID (NCBI):	2147	CloneNo.:	243089F11
Source:	Rabbit	UNIPROT ID:	P00734		
Isotype:	IgG	Full Name:	coagulation factor II (prothrombin)		
Immunogen Catalog Number:	EG1337	Calculated MW:	70kDa		
		Observed MW:	72 kDa		

## Applications

**Tested Applications:**  
WB, Cytometric bead array, Indirect ELISA, Sample test

**Species Specificity:**  
human

## 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, 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.

## 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:

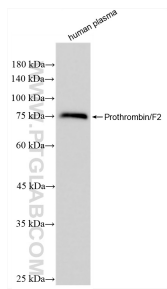
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

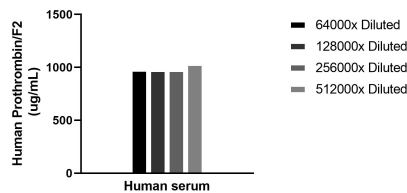
W: [ptgcn.com](http://ptgcn.com)

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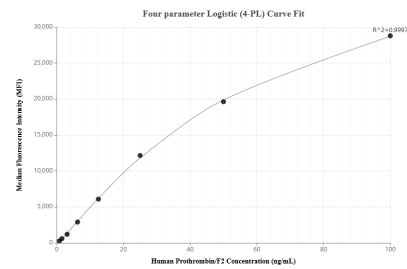
## Selected Validation Data



human plasma were subjected to SDS PAGE followed by western blot with 86124-1-RR (Prothrombin/F2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86124-1-PBS in a different storage buffer formulation.



The mean Prothrombin/F2 concentration was determined to be 986.4 ug/mL in human serum.



Cytometric bead array standard curve of MP02277-1, Prothrombin/F2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 86124-2-PBS. Detection antibody: 86124-1-PBS. Standard: Eg1337. Range: 0.781-100 ng/mL.