

For Research Use Only

Coagulation Factor II Polyclonal antibody, PBS Only

Catalog Number: 24295-1-PBS



Basic Information

Catalog Number: 24295-1-PBS	GenBank Accession Number: BC051332	Purification Method: Antigen affinity purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2147	
Source: Rabbit	UNIPROT ID: P00734	
Isotype: IgG	Full Name: coagulation factor II (prothrombin)	
Immunogen Catalog Number: AG18385	Calculated MW: 622 aa, 70 kDa	
	Observed MW: 72 kDa	

Applications

Tested Applications:
WB, IF/ICC, IP, Indirect ELISA

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.

Storage Buffer:
PBS Only

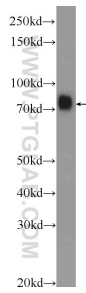
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

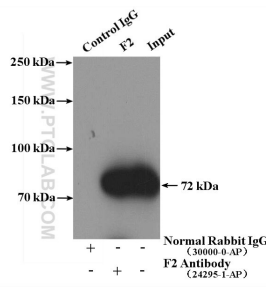
E: proteintech@ptglab.com
W: ptglab.com

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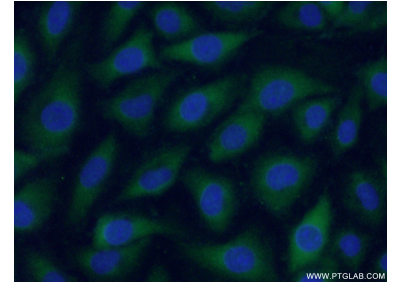
Selected Validation Data



human plasma were subjected to SDS PAGE followed by western blot with 24295-1-AP (Coagulation Factor II Antibody) at dilution of 1:30000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 24295-1-PBS in a different storage buffer formulation.



IP result of anti-Coagulation Factor II (IP:24295-1-AP, 4ug; Detection:24295-1-AP 1:10000) with human plasma lysate 4000ug. This data was developed using the same antibody clone with 24295-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HUVEC cells using 24295-1-AP (Coagulation Factor II antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L). This data was developed using the same antibody clone with 24295-1-PBS in a different storage buffer formulation.