

For Research Use Only

Coagulation Factor II Monoclonal antibody, PBS Only

Catalog Number: 66509-1-PBS



Basic Information

Catalog Number: 66509-1-PBS	GenBank Accession Number: BC051332	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 2147	CloneNo.: 1E12A8
Source: Mouse	UNIPROT ID: P00734	
Isotype: IgG1	Full Name: coagulation factor II (prothrombin)	
Immunogen Catalog Number: AG18385	Calculated MW: 622 aa, 70 kDa	
	Observed MW: 70-80 kDa	

Applications

Tested Applications:
WB, IHC, 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, 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.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

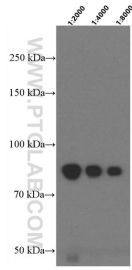
For technical support and original validation data for this product please contact:

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

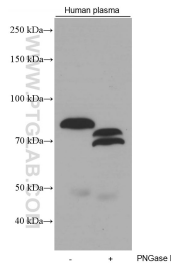
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

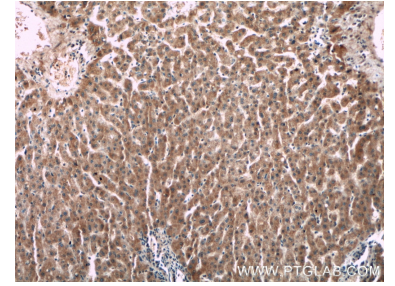
Selected Validation Data



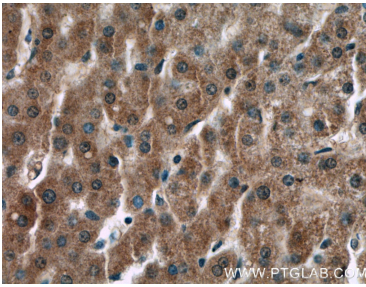
human plasma was subjected to SDS PAGE followed by western blot with 66509-1-Ig (Coagulation Factor II antibody) at various dilutions incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66509-1-PBS in a different storage buffer formulation.



Untreated and PNGase F-treated lysates of human plasma were subjected to SDS PAGE followed by western blot with 66509-1-Ig (Coagulation Factor II antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. PNGase F was obtained from Atagenix (cat.NO. ata808). This data was developed using the same antibody clone with 66509-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66509-1-Ig (Coagulation Factor II antibody) at dilution of 1:150 (under 10x lens). This data was developed using the same antibody clone with 66509-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66509-1-Ig (Coagulation Factor II antibody) at dilution of 1:150 (under 40x lens). This data was developed using the same antibody clone with 66509-1-PBS in a different storage buffer formulation.