

Fibrinogen Alpha Chain Recombinant monoclonal antibody

Catalog Number: 86913-6-RR

Basic Information

Catalog Number: 86913-6-RR	GenBank Accession Number: BC020764	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 2243	CloneNo.: 260891B12
Source: Rabbit	UNIPROT ID: P02671	Recommended Dilutions: WB: 1:5000-1:50000 IHC: 1:500-1:2000
Isotype: IgG	Full Name: fibrinogen alpha chain	
Immunogen Catalog Number: AG33674	Calculated MW: 866 aa, 95 kDa	
	Observed MW: 95kDa, 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human	WB : HepG2 cells, IHC : human placenta tissue, human kidney tissue

Note-IHC: suggested antigen retrieval with **TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Background Information

Fibrinogen is a soluble plasma glycoprotein synthesized in the liver. It is composed of two sets of three structurally different subunits: alpha (FGA), beta (FGB), gamma (FGG). Fibrinogen is converted by thrombin into fibrin during blood coagulation. Fibrinogen and fibrin play overlapping roles in blood clotting, fibrinolysis, cellular and matrix interactions, the inflammatory response, wound healing, and neoplasia (PMID: 16102057). FGA is the alpha chain of fibrinogen. During conversion of fibrinogen to fibrin, fibrinopeptide A is cleaved from FGA by thrombin.

Storage

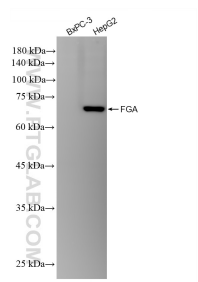
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

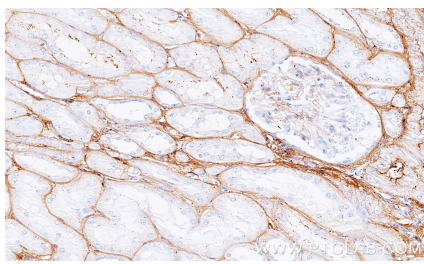
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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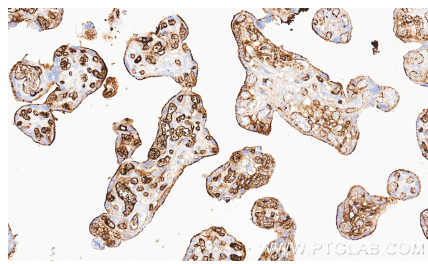
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86913-6-RR (FGA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney tissue slide using 86913-6-RR (Fibrinogen Alpha Chain antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human placenta tissue slide using 86913-6-RR (Fibrinogen Alpha Chain antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).