

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
Source: Rabbit	GeneID (NCBI): 2243	CloneNo.: 260891B12
Isotype: IgG	UNIPROT ID: P02671	Recommended Dilutions: WB: 1:5000-1:50000 IHC: 1:500-1:2000
Immunogen Catalog Number: AG33674	Full Name: fibrinogen alpha chain	
	Calculated MW: 866 aa, 95 kDa	
	Observed MW: 95kDa, 70 kDa	

Applications

Tested Applications: WB, IHC, 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	

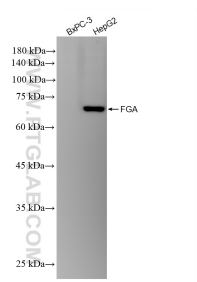
Background Information

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.

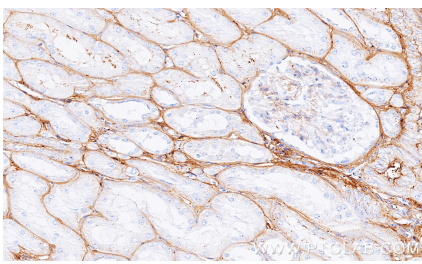
Storage

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

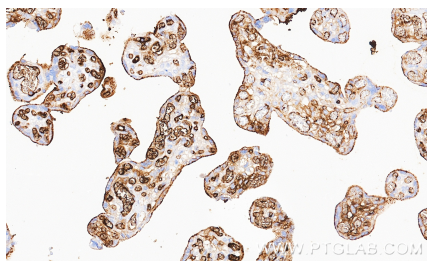
Selected Validation Data



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).