

For Research Use Only

Factor XIIIa Monoclonal antibody, PBS Only

Catalog Number: 66325-1-PBS



Basic Information

Catalog Number: 66325-1-PBS	GenBank Accession Number: BC027963	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 2162	CloneNo.: 2D2B2
Source: Mouse	UNIPROT ID: P00488	
Isotype: IgG2b	Full Name: coagulation factor XIII, A1 polypeptide	
Immunogen Catalog Number: AG11105	Calculated MW: 732 aa, 83 kDa	
	Observed MW: 75-80 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human, mouse, rat, pig, rabbit

Background Information

Factor XIIIa is a blood proenzyme that catalyzes intermolecular cross-linking of fibrinogen and is involved in clotting cascade. It has been identified in various tissues including placenta, uterus, and prostate. Anti- Factor XIIIa has been found to be useful in differentiating between dermatofibroma (90% positive) and desmoplastic malignant melanoma (negative). Factor XIIIa positivity is also seen in capillary hemangioblastoma, hemangioendothelioma, hemangiopericytoma, xanthogranuloma, xanthoma, hepatocellular carcinoma, glomus tumor, and meningioma.

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

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

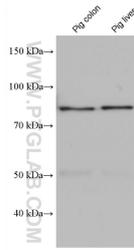
T: 4006900926

E: Proteintech-CN@ptglab.com

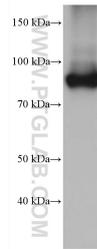
W: ptgcn.com

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

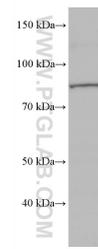
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66325-1-Ig (Factor XIIIa antibody) at dilution of 1:20000 and incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66325-1-PBS in a different storage buffer formulation.



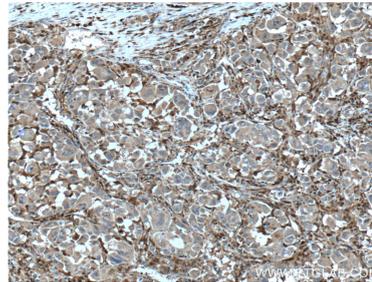
human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 66325-1-Ig (Factor XIIIa antibody) at dilution of 1:20000 and incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66325-1-PBS in a different storage buffer formulation.



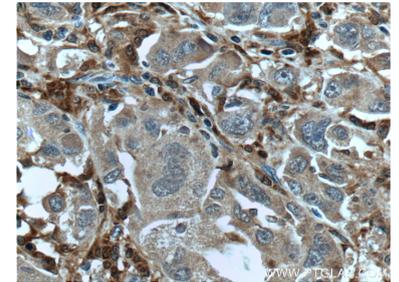
rabbit large intestine tissue was subjected to SDS PAGE followed by western blot with 66325-1-Ig (Factor XIIIa antibody) at dilution of 1:20000 and incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66325-1-PBS in a different storage buffer formulation.



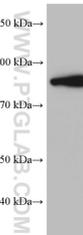
human placenta tissue were subjected to SDS PAGE followed by western blot with 66325-1-Ig (Factor XIIIa Antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66325-1-PBS in a different storage buffer formulation.



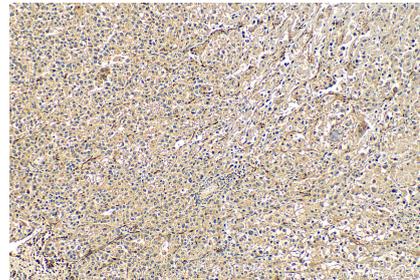
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66325-1-Ig (Factor XIIIa antibody at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66325-1-PBS in a different storage buffer formulation.



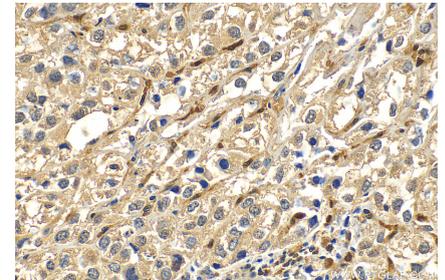
Immunohistochemical analysis of paraffin-embedded human liver cancer tissue slide using 66325-1-Ig (Factor XIIIa antibody at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66325-1-PBS in a different storage buffer formulation.



rat colon tissue was subjected to SDS PAGE followed by western blot with 66325-1-Ig (Factor XIIIa antibody) at dilution of 1:20000 and incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66325-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissue slide using 66325-1-Ig (Factor XIIIa antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66325-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human endometrial cancer tissue slide using 66325-1-Ig (Factor XIIIa antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66325-1-PBS in a different storage buffer formulation.