

For Research Use Only

CD42a / GP9 Monoclonal antibody, PBS Only



Catalog Number: 67271-1-PBS

Basic Information

Catalog Number: 67271-1-PBS	GenBank Accession Number: BC030229	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 2815	CloneNo.: 2D4H1
Source: Mouse	UNIPROT ID: P14770	
Isotype: IgG2b	Full Name: glycoprotein IX (platelet)	
Immunogen Catalog Number: AG6132	Calculated MW: 19 kDa	
	Observed MW: 20 kDa	

Applications

Tested Applications:
WB, Indirect ELISA, IHC

Species Specificity:
Human

Background Information

Platelet glycoprotein IX (GP9, also known as CD42a) is a relatively small surface glycoprotein present on platelets and megakaryocytes. GP9 forms a 1:1 non-covalent complex with GPIb (CD42b). The GPIb-V-IX complex functions as the vWF receptor and mediates vWF-dependent platelet adhesion to blood vessels. Defects in GP9 are a cause of Bernard-Soulier syndrome, also known as giant platelet disease.

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:

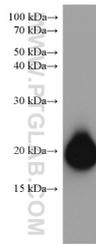
T: 4006900926

E: Proteintech-CN@ptglab.com

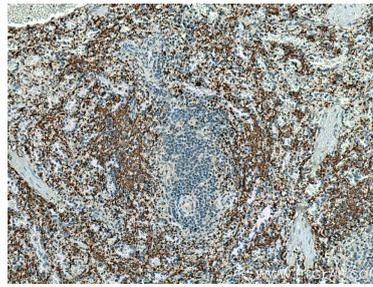
W: ptgcn.com

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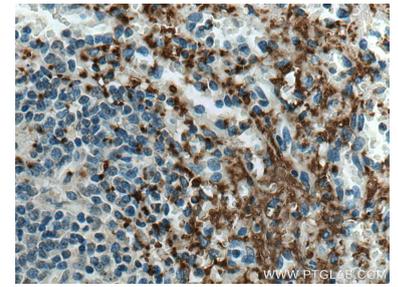
Selected Validation Data



Human peripheral blood platelets were subjected to SDS PAGE followed by western blot with 67271-1-Ig (CD42a / GP9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67271-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 67271-1-Ig (CD42a / GP9 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67271-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 67271-1-Ig (CD42a / GP9 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67271-1-PBS in a different storage buffer formulation.