CD42a / GP9 Monoclonal antibody, PBS Only

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Catalog Number:67271-1-PBS

Basic Information

Catalog Number:
67271-1-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG2b

Immunogen Catalog Number:
AG6132

GenBank Accession Number:
BC030229

GeneID (NCBI):
2815

UNIPROT ID:
P14770

Full Name:
glycoprotein IX (platelet)

Calculated MW:
19 kDa

Observed MW:
20 kDa

Purification Method:
Protein A purification

CloneNo.:
2D4H1

Applications

Tested Applications:
WB, IHC, Indirect ELISA

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.
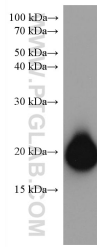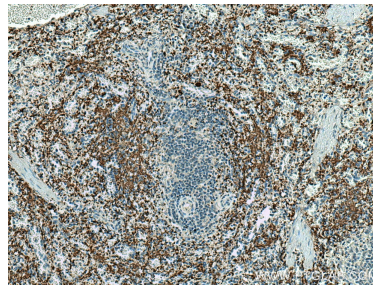
Storage

Storage:
Store at -80℃.
Storage Buffer:
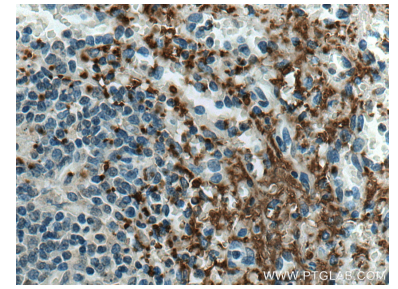PBS Only

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.