

For Research Use Only

CoraLite® Plus 488-conjugated CD42b Monoclonal antibody



Catalog Number:CL488-67857

Basic Information

Catalog Number:

CL488-67857

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG31181

GenBank Accession Number:

BC027955

GeneID (NCBI):

2811

ENSEMBL Gene ID:

ENSG00000185245

UNIPROT ID:

P07359

Full Name:

glycoprotein Ib (platelet), alpha polypeptide

Calculated MW:

626 aa, 69 kDa

Observed MW:

145 kDa

Purification Method:

Protein A purification

CloneNo.:

3G1F5

Recommended Dilutions:

WB 1:1000-1:4000

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

WB

Species Specificity:

Human

Positive Controls:

WB : human peripheral blood platelets,

Background Information

CD42b, also named as GP1BA, is a 145-kDa surface membrane protein of platelets, participates in the formation of platelet plugs by binding to the A1 domain of vWF, which is already bound to the subendothelium. It has a heterodimer form which composed of GP1BA and GP1BB.

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

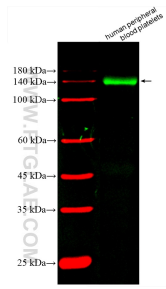
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Human peripheral blood platelets were subjected to SDS PAGE followed by western blot with CL488-67857 (CD42b antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.