

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:

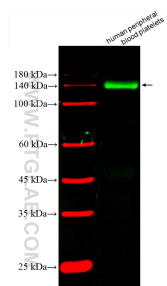
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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.