

À des fins de recherche uniquement

Anticorps Monoclonal anti-CD42b

Numéro de catalogue: 65163-1-Ig



Informations de base

Numéro de catalogue:

65163-1-Ig

Taille:

100ug, 0.5 mg/ml

Hôte:

Mouse

Isotype:

IgG1

Numéro d'acquisition GenBank:

BC027955

Identification du gène (NCBI):

2811

Nom complet:

glycoprotein Ib (platelet), alpha polypeptide

MW calculé

626 aa, 69 kDa

Méthode de purification:

Purifié par chromatographie d'affinité par protéine A

CloneNo.:

AK2

Applications

Applications testées:

FC

Spécificité de l'espèce:

Humain

Informations générales

CD42b, also known as platelet glycoprotein Ib alpha chain (GPIb alpha), is a type I transmembrane glycoprotein of 135-145 kDa (PMID: 2656709). It is expressed on platelets and megakaryocytes. CD42b and CD42c (GPIb beta) are linked by a disulphide bond to form GPIb (PMID: 7660135). GPIb forms a noncovalent complex with CD42a (GPIX) and CD42d (GPV) and acts as a receptor for von Willebrand factor (vWF) and thrombin (PMID: 7660135; 3759960). The GPIb-V-IX complex mediates vWF-dependent platelet adhesion to blood vessels. Defects in the expression of CD42b result in Bernard-Soulier syndromes and platelet-type von Willebrand disease (PMID: 9371310).

Stockage

Stockage:

Store at 2-8°C. Stable for one year after shipment.

Tampon de stockage:

PBS with 0.09% sodium azide.

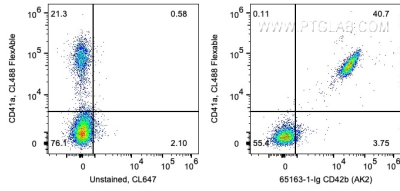
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
W: ptglab.com

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

Données de validation sélectionnées



1X10⁶ human peripheral blood platelets were surface co-stained with Anti-Human CD41a labeled with FlexAble CoraLite® Plus488 Antibody Labeling Kit for Mouse IgG1 (KFA021) and 0.2 ug Anti-Human CD42b (65163-1-Ig, Clone:AK2) labeled with FlexAble CoraLite® PlusCL647 Antibody Labeling Kit for Mouse IgG1 (KFA023) or unstained. Cells were not fixed.