

Product datasheet

PE Anti-CD42b antibody [HIP1] ab90951

[2 References](#) [2 Images](#)

Overview

Product name	PE Anti-CD42b antibody [HIP1]
Description	PE Mouse monoclonal [HIP1] to CD42b
Host species	Mouse
Conjugation	PE. Ex: 488nm, Em: 575nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human
Immunogen	Human peripheral blood mononuclear cells of a patient suffering with CLL.
Positive control	Human peripheral blood platelets.
General notes	<p>Clone HIP1 antibody inhibits the ristocetin-dependent binding of von Willebrand Factor (vWF) to platelets, ristocetin-induced platelet agglutination and partially inhibits collagen induced aggregation.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituent: 1% BSA</p>
Purity	Immunogen affinity purified
Primary antibody notes	Clone HIP1 antibody inhibits the ristocetin-dependent binding of von Willebrand Factor (vWF) to platelets, ristocetin-induced platelet agglutination and partially inhibits collagen induced aggregation.

Clonality	Monoclonal
Clone number	HIP1
Isotype	IgG1

Applications

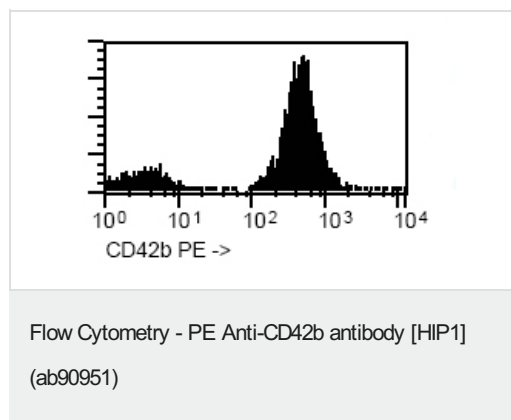
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab90951 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 20µl for 10 ⁶ cells. ab91357 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

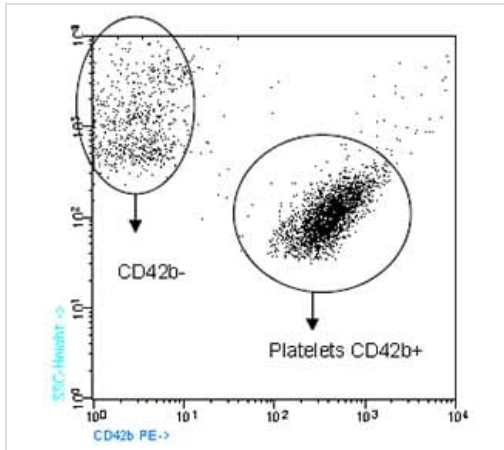
Target

Function	GP-Ib, a 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.
Involvement in disease	Non-arteritic anterior ischemic optic neuropathy Bernard-Soulier syndrome Bernard-Soulier syndrome A2, autosomal dominant Pseudo-von Willebrand disease
Sequence similarities	Contains 7 LRR (leucine-rich) repeats. Contains 1 LRRCT domain. Contains 1 LRRNT domain.
Post-translational modifications	Glycocalicin, which is approximately coextensive with the extracellular part of the molecule, is cleaved off by calpain during platelet lysis.
Cellular localization	Membrane.

Images



ab90951, at 20µl/10⁶ cells, staining CD42b in Human platelets from normal peripheral blood by Flow Cytometry.



Flow Cytometry - PE Anti-CD42b antibody [HIP1]
(ab90951)

ab90951, at 20 μ l/10⁶ cells, staining CD42b in Human Platelets from normal peripheral blood by Flow Cytometry.

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