

# Anti- Human CD42b (HIP1)

	<b>REF</b>			<b>[A]</b>	
APC	42BA-100T	100 test	20 µL/test	0,05 mg/ml	<b>RUO</b>

## 1. PRODUCT DESCRIPTION

**Clone:** HIP1

**Isotype:** IgG2

**Tested application:** flow cytometry

**Immunogen:** The anti-CD42b monoclonal antibody derives from human platelets.

**Species reactivity:** Human, Cross-Reactivity: Chimpanzee

**Storage instruction:** store in the dark at 2-8 °C

**Storage buffer:** aqueous buffered solution containing protein stabilizer and 0.09% sodium azide (Na3N).

**Recommended usage:** Immunostep's CD42b, clone HIP1 is a monoclonal antibody intended for the identification and enumeration of platelets, thrombocytes and megakaryocytes using flow cytometry. This reagent is effective for direct immunofluorescence staining of human tissue for flow cytometric analysis using 1 test for 106 cells.

**Presentation:** liquid

**Source:** Supernatant proceeding from an in vitro cell culture of a cell hybridoma.

**Purification:** Affinity chromatography.

## 2. ANTIGEN DETAILS

**Large description:** Reacts with a two chain membrane glycoprotein, Gplb, that forms a non covalent complex with GPIX (CD42a) found on platelets and megakaryocytes. 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. The Gplb/IX complex serves as the vWF surface receptor involved in the adhesion of platelets to the subendothelium of damaged vascular walls.(1-5)

**Other names:** Platelet glycoprotein Ib alpha chain, GP-Ib alpha, GPIb-alpha, GPIbA, Glycoprotein Ibalpha, Glycocalicin, gplbx.

**Gene ID:** 2812

**Molecular weight:** 145 kDa

Please, refer to [www.immunostep.com](http://www.immunostep.com) technical support for more information.

## 3. WARRANTY

Warranted only to conform to the quantity and contents stated on the label or in the product labelling at the time of delivery to the customer. Immunostep disclaims hereby other warranties.

Immunostep's sole liability is limited to either the replacement of the products or refund of the purchase price.

## 4. ADDITIONAL INFORMATION

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## 5. REFERENCES

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## 6. EXPLANATION OF SYMBOLS

	Form
<b>REF</b>	Catalog reference
	Contains sufficient for > test
	Quantity per test
	Regulatory Status
<b>RUO</b>	Research Use Only
<b>[A]</b>	Concentration
	Manufacturer

## 7. MANUFACTURED BY:



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