

# Anti-Human CD61 (VIPL2)



REF



FITC	61F-100T	100 test	20 µL/test
PE	61PE-100T	100 test	20 µL/test

RUO

## 1. PRODUCT DESCRIPTION

**Clone:** VIPL2;  
**Isotype:** IgG1;  
**Tested application:** flow cytometry;  
**Immunogen:** The anti-CD61 monoclonal antibody derives from a cell suspension containing osteoclasts from osteoclastomas;  
**HLDA:** V, WS Code 5T-124;  
**Species reactivity:** Human, Cross-Reactivity: Baboon, Rhesus, Cynomolgus;  
**Storage instruction:** store in the dark at 2-8 °C;  
**Storage buffer:** aqueous buffered solution containing protein stabilizer and 0.09% sodium azide (NaN<sub>3</sub>);  
**Recommended usage:** Immunostep's CD61, clone VIPL2, is a monoclonal antibody intended for the identification and enumeration of human platelets using flow cytometry. This reagent is effective for direct immunofluorescence staining of human tissue for flow cytometric analysis using 1 test for 10<sup>6</sup> cells;  
**Presentation:** liquid;  
**Source:** Supernatant proceeding from an in vitro cell culture of a cell hybridoma;  
**Purification:** Affinity chromatography;  
**Other names:** Integrin β3, gpIIIA;  
**Gene ID:** 3690;  
**Molecular weight:** 110 kDa.

## 2. ANTIGEN DETAILS

**Large description:** This antibody reacts with the CD61-antigen (GPIIIa), which is expressed on human platelets. The monoclonal antibody reacts with platelets, megakaryocytes, megakaryoblasts, endothelial cells, fibroblasts, smooth muscle cells and osteoblasts (integrin beta-3 chain) in complexed form and does not react with the platelets of patients with Glanzmann Thrombasthenia<sup>(6)</sup>.

## 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

For research use only. Not for diagnostic use.

Not for resale. Immunostep will not be responsible of violations that may occur with the use of this product. Any use of this product other than the specified in this document is strictly prohibited.

Unless otherwise indicated by Immunostep by written authorization, this product is intended for research only and is not to be used for any other purpose, including without limitation, for human or animal diagnostic, therapeutic or commercial purposes.

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

## 5. REFERENCES

- Dzionek A, Fuchs A, Schmidt P, Cremer S, Zysk M, Miltenyi S, et al. BDCA-2, BDCA-3, and BDCA-4: three markers for distinct subsets of dendritic cells in human peripheral blood. *J Immunol* 2000 Dec 01;165(11):6037-46.
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- Williams CA, Mondal D, Agrawal KC. The HIV-1 Tat protein enhances megakaryocytic commitment of K562 cells by facilitating CREB transcription factor coactivation by CBP. *Exp Biol Med (Maywood)* 2005 Dec;230(11):872-84.
- Barrett L, Dai C, Gamberg J, Gallant M, Grant M. Circulating CD14-CD36+ peripheral blood mononuclear cells constitutively produce interleukin-10. *J Leukoc Biol* 2007 Jul;82(1):152-60.

## 6. EXPLANATION OF SYMBOLS



Form

REF

Catalog reference



Contains sufficient for <n> test



Quantity per test



Regulatory Status

RUO

Research Use Only



Manufacturer

## 7.

### MANUFACTURED BY:



**IMMUNOSTEP S.L.**

**Address:** Avda. Universidad de Coimbra, s/n  
 Cancer Research Center (C.I.C)  
 Campus de Unamuno  
 37007 Salamanca (Spain)

**Tel./fax:** (+34) 923 294 827

**E-mail:** [info@immunostep.com](mailto:info@immunostep.com)  
[www.immunostep.com](http://www.immunostep.com)