



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti- Human CD29 (VJ1/14)

Fluorochrome	Reference	Size
Pure	29PU-OIMG	100 test
FITC	29F-100T	100 test
PE	29PE-100T	100 test
PerCP	29PP-100T	100 test
APC	29A-100T	100 test
Biotin	29B-OIMG	100 test
CF-Blue	29CFB-100T	100 test
OC515	29OC-100T	100 test

### PRODUCT DESCRIPTION

**Clone:** VJ1/14

**Isotype:** IgG2b

**Tested application:** flow cytometry

**Immunogen:** The anti-CD29 monoclonal antibody derives from HUVEC cells TNF-activated.

**Species reactivity:** Human

**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 CD29, clone VJ1/14, is a monoclonal antibody intended for the identification and enumeration of human peripheral blood leukocytes suppressor/cytotoxic using flow cytometry. This reagent is effective for direct immunofluorescence staining of mouse human for flow cytometric analysis using  $\leq 1 \mu\text{g}/10^6$  cells.

**Presentation:** liquid

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

**Purification:** Affinity chromatography.

### ANTIGEN DETAILS

**Large description:** The VJ1/14 monoclonal antibody reacts with human CD29, an integrin  $\beta 1$ . CD29 complexes with one of nine integrin  $\alpha$  subunits to form the very late antigen (VLA) subfamily of adhesion molecules. CD29 is expressed broadly on lymphocytes, monocytes and granulocytes.<sup>(1-4)</sup>

**Other Names:** Integrin beta-1, Fibronectin receptor subunit beta, Glycoprotein IIa, GPIIA, VLA-4 subunit beta.

**Gene ID:** 3688

**Molecular weight:** 130 kDa

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

### 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.

### REFERENCES

1. Escribano L, Orfao A, Diaz-Agustin B, Villarrubia J, Cervero C, Lopez A, et al. Indolent systemic mast cell disease in adults: immunophenotypic characterization of bone marrow mast cells and its diagnostic implications. *Blood* 1998 Apr 15;91(8):2731-6.
2. Hynes RO. Integrins: versatility, modulation, and signaling in cell adhesion. *Cell* 1992 Apr 3;69(1):11-25.
3. Reimann KA, Waite BC, Lee-Parriz DE, Lin W, Uchanska-Ziegler B, O'Connell MJ, et al. Use of human leukocyte-specific monoclonal antibodies for clinically immunophenotyping lymphocytes of rhesus monkeys. *Cytometry* 1994 Sep 1;17(1):102-8.
4. Sopper S, Stahl-Hennig C, Demuth M, Johnston IC, Dorries R, ter Meulen V. Lymphocyte subsets and expression of differentiation markers in blood and lymphoid organs of rhesus monkeys. *Cytometry* 1997 Dec 1;29(4):351-62.

### MANUFACTURED BY



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