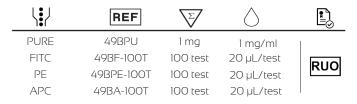
Anti-Human CD49b (TEA1/41)





1. PRODUCT DESCRIPTION

Clone: TEA1/41: Isotype: IqG1;

Tested application: flow cytometry;

Immunogen: The anti-CD49b monoclonal antibody derives from TNF activated HUVEC

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.):

Recommended usage: Immunostep's CD49b, clone TEAI/41 is a monoclonal antibody intended for the identification and enumeration of Integrin alpha-2 protein 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:

Other names: Integrin alpha-2, CD49 antigen-like family member B, Collagen receptor, Platelet membrane glycoprotein Ia, GPIa, VLA-2 subunit alpha, BR, VLAA2;

Gene ID: 3673:

Molecular weight: 170 kDa.

2. ANTIGEN DETAILS

Large description: The monoclonal antibody is directed against the CD49b-antigen (GPIa or VLA-2 alpha-chain), which can form distinct complexes with either the CD29-antigen (GPIIa or VLA betachain), resulting in the VLA-2 (alpha-2 beta- I) complex, which is expressed on human platelets. The monoclonal antibody reacts with platelets, long-term cultivated T lymphocytes and activated T lymphocytes. In immunohistology the monoclonal antibody reacts with thymocytes, epithelial cells of a variety of tissues, per ipheral nerves, fibroblasts, osteoclasts, glomerular mesangium and most non-haemopoietic adherent cell lines.(1-3)

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.

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 technical support for more information.

REFERENCES

5.

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- Yoshino N, Ami Y, Terao K, Tashiro F, Honda M. Upgrading of flow cytometric analysis for absolute counts, cytokines and other antigenic molecules of cynomolous monkeys (Macaca fascicularis) by using anti-human cross-reactive antibodies. Exp Anim2000 Apr;49(2):97-110.
- Ciarlet M, Crawford SE, Cheng E, Blutt SE, Rice DA, Bergelson JM, et al. VLA-2 (alpha2betal) integrin promotes rotavirus entry into cells but is not necessary for rotavirus attachment. J Virol2002 Feb:76(3):1109-23.

6. **EXPLANATION OF SYMBOLS**

	Form
REF	Catalog reference
\sum	Contains sufficient for <n> test</n>
\Diamond	Quantity per test
	Regulatory Status
RUO	Research Use Only
***	Manufacturer

7. MANUFACTURED BY:



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