

## Monoclonal Antibody to CD29 / Integrin beta-1 - PE

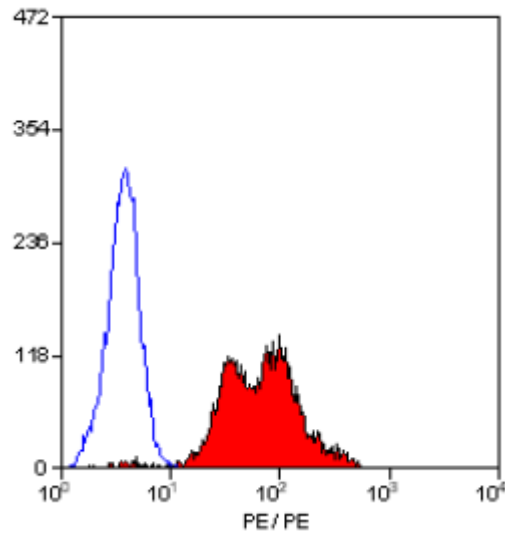
<b>Alternate names:</b>	FNRB, Fibronectin receptor subunit beta, ITGB1, Integrin VLA-4 subunit beta, MDF2, MSK12
<b>Catalog No.:</b>	SM1578R
<b>Quantity:</b>	100 Tests
<b>Background:</b>	CD29 which is a transmembrane glycoprotein expressed by most leukocytes.
<b>Uniprot ID:</b>	<a href="#">P05556</a>
<b>NCBI:</b>	<a href="#">9606</a>
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	4B7R
<b>Immunogen:</b>	Ocular melanoma cell line V+B2.
<b>Format:</b>	<b>State:</b> Lyophilized purified IgG fraction <b>Purification:</b> Affinity Chromatography on Protein G <b>Buffer System:</b> PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer <b>Label:</b> PE – R. Phycoerythrin (RPE) <b>Reconstitution:</b> Restore with 1.0 ml distilled water
<b>Applications:</b>	<b>Flow Cytometry:</b> Use 10 µl of neat-1/2 diluted CD29 antibody to label 10e6 cells in 100 µl Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises the beta 1 subunit of integrin (CD29) <b>Species:</b> Human Other species not tested.
<b>Storage:</b>	Prior to and following reconstitution store the antibody undiluted at 2-8°C. <b>DO NOT FREEZE!</b> This product is photosensitive and should be protected from light Shelf life: one year from despatch
<b>General References:</b>	1. Marshall, J. et al. (1998) Comparative analysis of integrins in vitro and in vivo in uveal and cutaneous melanomas. Br. J. Cancer. 77: 522-529. 2. Pillay, J. et al. (2010) Functional heterogeneity and differential priming of circulating neutrophils in human experimental endotoxemia. J Leukoc Biol. 88: 1-10.

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

Antibody Hotline - Technical Questions - Antibody Location Service  
Free Call: 0800-2274746 (Germany only) - [www.acris-antibodies.com](http://www.acris-antibodies.com)

Pictures:



**Flow Cytometry:** Staining of Human peripheral blood lymphocytes with Mouse Anti Human CD29 antibody PE conjugated (SM1578R/RT).

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