

## Monoclonal Antibody to CD49f / ITGA6 - PE

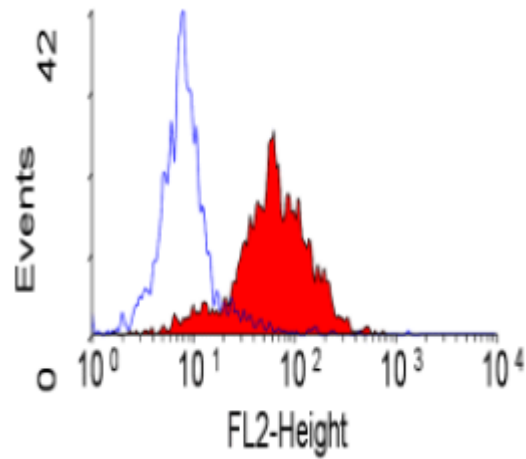
<b>Alternate names:</b>	CD49 antigen-like family member F, Integrin alpha-6, VLA-6, VLA6
<b>Catalog No.:</b>	SM1140RT
<b>Quantity:</b>	25 Tests
<b>Concentration:</b>	1.0 mg/ml
<b>Background:</b>	CD49f is expressed by platelets, weakly by monocytes and by a subset of lymphocytes.
<b>Uniprot ID:</b>	<a href="#">P23229</a>
<b>NCBI:</b>	<a href="#">NP_000201.2</a>
<b>GeneID:</b>	<a href="#">3655</a>
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	450-30A
<b>Immunogen:</b>	Alpha 6 beta 4 integrin purified from A431 cells. Spleen cells from immunised BALB/c mice were fused with cells of the mouse SP2/0 myeloma cell line.
<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 distilled water.
<b>Applications:</b>	Flow Cytometry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This antibody recognises the VLA-6 cell surface antigen, also known as the alpha 6 integrin and as CD49f. <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. Kennel, S.J. et al. (1990) Second generation antibodies to the human integrin $\alpha 6 \beta 4$ . Hybridoma 9: 243-255.

**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.

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Pictures:



SM1140R staining of human peripheral blood monocytes.

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