

## Monoclonal Antibody to CD103 - PE

<b>Alternate names:</b>	HML-1 antigen, ITGAE, Integrin alpha-E, Integrin alpha-IEL, Mucosal lymphocyte 1 antigen
<b>Catalog No.:</b>	SM1800R
<b>Quantity:</b>	100 Tests
<b>Background:</b>	CD103 is a glycoprotein expressed by approximately 1% of peripheral blood lymphocytes, activated T lymphocytes and by hairy cell leukaemia cells. The antigen is also expressed by intraepithelial lymphocytes. It has recently been shown to be identical to the alphaE integrin.
<b>Uniprot ID:</b>	<a href="#">P38570</a>
<b>NCBI:</b>	<a href="#">NP_002199.3</a>
<b>GeneID:</b>	<a href="#">3682</a>
<b>Host / Isotype:</b>	Mouse / IgG1
<b>Clone:</b>	LF61
<b>Immunogen:</b>	Hairy cell leukaemia cells. Spleen cells from immunised BALB/c mice were fused with cells of the mouse NSO myeloma cell line.
<b>Format:</b>	<b>State:</b> Lyophilized purified IgG fraction. <b>Purification:</b> Affinity chromatography on Protein A <b>Buffer System:</b> PBS containing 0.09% Sodium Azide and 1% Bovine Serum Albumin. <b>Label:</b> PE – R. Phycoerythrin (RPE) <b>Reconstitution:</b> Restore with 1 ml 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 CD103 cell surface antigen. <b>Species:</b> Human. Other species not tested.
<b>General References:</b>	1. Flenghi, L. et al. (1990) LF61: a new monoclonal antibody directed against a trimeric molecule (150kD, 125kD, 105kD) associated with hairy cell leukaemia. Br. J. Haem. 76: 451-459. 2. Falini, B. et al. (1990) Selection of a panel of monoclonal antibodies for monitoring residual disease in peripheral blood and bone marrow of interferon-treated hairy cell leukaemia patients. Br. J. Haem. 76: 460-468.

**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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