

Monoclonal Antibody to CD103 - PE

Alternate names:	HML-1 antigen, ITGAE, Integrin alpha-E, Integrin alpha-IEL, Mucosal lymphocyte 1 antigen
Catalog No.:	SM1800RT
Quantity:	25 Tests
Background:	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.
Uniprot ID:	P38570
NCBI:	NP_002199.3
GeneID:	3682
Host / Isotype:	Mouse / IgG1
Clone:	LF61
Immunogen:	Hairy cell leukaemia cells. Spleen cells from immunised BALB/c mice were fused with cells of the mouse NSO myeloma cell line.
Format:	State: Lyophilized purified IgG fraction. Purification: Affinity chromatography on Protein A Buffer System: PBS containing 0.09% Sodium Azide and 1% Bovine Serum Albumin. Label: PE – R. Phycoerythrin (RPE) Reconstitution: Restore with 1 ml distilled water
Applications:	Flow cytometry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody recognises the CD103 cell surface antigen. Species: Human. Other species not tested.
General References:	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 or on request.

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