

Monoclonal Antibody to CD45 / LCA (CD45RA) - PE

Alternate names:	L-CA, Leukocyte common antigen, PTPRC, Receptor-type tyrosine-protein phosphatase C, T200
Catalog No.:	SM1796R
Quantity:	100 Tests
Background:	CD45 is a complex molecule existing in a number of isoforms. Antibodies recognising a common epitope on all of these isoforms are termed CD45 whilst those recognising only individual isoforms are termed CD45RA or CD45RO etc.
Uniprot ID:	P08575
NCBI:	NP_002829.2
GeneID:	5788
Host / Isotype:	Mouse / IgG1
Clone:	F8-11-13
Immunogen:	Human T lymphocytes. Spleen cells from immunised BALB/c mice were fused with cells of the mouse NS-1 myeloma cell line.
Format:	State: Lyophilized purified IgG Purification: Affinity chromatography on protein G Buffer System: PBS, pH7.4 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 CD45RA cell surface antigen. Clone F8-11-13 reacts with the high molecular weight form of the leucocyte common antigen (LCA) expressed by B lymphocytes and a subset of T lymphocytes. Species: Human, Rhesus Monkey. Other species not tested.
Storage:	Prior to and following reconstitution store the antibody at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light. Shelf life: 6 month from despatch.
General References:	1. Dalchau, R. and Fabre, J.W. (1981) Identification with a monoclonal antibody of the predominantly B lymphocyte specific determinant of the human leucocyte common antigen: evidence for structural and possible functional diversity of the leucocyte common molecule. J. Exp. Med. 153: 753-765.

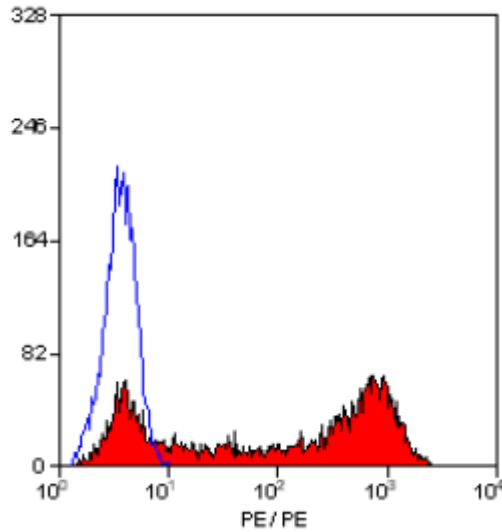
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Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
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2. O Grady, J. T. et al (1994) CD40 expression in Hodgkins disease. Am. J. Pathol. 144: 21-26.
3. Franitza, S. et al. (2002) TGF-beta1 enhances SDF-1alpha-induced chemotaxis and homing of naive T cells by up-regulating CXCR4 expression and downstream cytoskeletal effector molecules. J. Immunol. 32: 193-202.

Pictures:



Staining of human peripheral blood lymphocytes with MOUSE ANTI HUMAN CD45RA:RPE (SM1796R).

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