

Monoclonal Antibody to CD45 / LCA (CD45RA) - FITC

Alternate names:	L-CA, Leukocyte common antigen, PTPRC, Receptor-type tyrosine-protein phosphatase C, T200
Catalog No.:	SM1796F
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
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 mouse were fused with cells of the NS-1 mouse myeloma cell line.
Format:	State: Liquid purified IgG Purification: Affinity chromatography on protein G Buffer System: PBS, pH7.2 containing 0.09% Sodium Azide and 1% Bovine Serum Albumin Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow cytometry: Neat - 1/10; Use 10µl of the suggested working dilution to label 100µl lysed whole blood. 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:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Shelf life: one year 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

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.

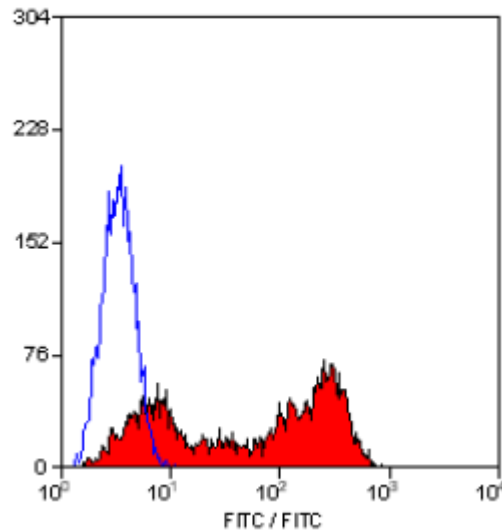
Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

molecule. J. Exp. Med. 153: 753-765.

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:FITC (SM1796F).

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