

Monoclonal Antibody to CD45 / LCA (CD45RC) - PE

Alternate names:	L-CA, Leukocyte common antigen, PTPRC, Receptor-type tyrosine-protein phosphatase C, T200
Catalog No.:	AM08046RP-N
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
Background:	CD45RC represents an exon C-dependent isoform of CD45 glycoprotein. It is expressed at high density on all B lymphocytes, at intermediate density on most CD8+ splenic T cells, and on two subpopulations of CD4+ splenic T cells with high and low density of expression. CD45RC is also present on a small subset of thymocytes. (Ref.1-4)
Uniprot ID:	P06800
NCBI:	10090
Host / Isotype:	Rat / IgM
Clone:	GL24
Format:	State: Liquid purified Ig fraction. Buffer System: PBS containing 0.09% Sodium Azide as preservative and a stabilizing agent. Label: PE – R-Phycoerythrin
Applications:	Flow Cytometry. < / = 0.2 µg/10e6 cells. (Ref.1-3) Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody is specific to an an exon C-dependent epitope of CD45 glycoprotein. Species: Mouse. Other species not tested.
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Hathcock, K.S., Laslo, G., Dickler, H.B., Sharrow, S.O., Johnson, P. Trowbridge, I.S. and Hodes, R.J. 1992. <i>Immuol.</i> 148:19. 2. Bottomly, K., M. Luqman, L. Greenbaum, S. Carding, J. West, T. Pasqualini, and D.B. Murphy. 1989. <i>Eur. J. Immunol.</i> 19:617. 3. Johnson, P., L. Greenbaum, K. Bottomly, et al. 1989. <i>J. Exp. Med.</i> 169:1179. 4. Birkeland, M.L., et al. 1988. <i>J. Mol. Cell. Immunol.</i> 4:71.

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

Pictures:

Immunofluorescent Staining: BALB/c mesenteric lymph nodes were double-stained with Rat anti-Mouse CD45RC-PE and Rat anti-Mouse CD8a-FITC (Cat#AM08023FC-N, clone 53-6.7). Small lymphocytes were gated and analyzed on a FACScan(TM) flow cytometer (BDIS, San Jose,CA). Amount Used: 0.3 µg/10e6 cells.

