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Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Rat CD45RC
Monoclonal Antibody

Catalogue#	Format	Size	Concentration	Isotype Control
CL022A	Ascites	0.5ml	NA	CLCMG100
CL022AP	Purified	250µg	1.0 mg/ml	CLCMG100
CL022AP-2	Purified	500µg	1.0 mg/ml	CLCMG100
CL022B	Biotin	100µg	0.1 mg/ml	CLCMG115
CL022B-5	Biotin	500µg	0.1 mg/ml	CLCMG115
CL022F	FITC	100µg	0.1 mg/ml	CLCMG101
CL022F-5	FITC	500µg	0.1 mg/ml	CLCMG101
CL022PE	PE	50µg	0.1 mg/ml	CLCMG104

Isotype Mouse IgG_1

DESCRIPTION:

Rat Leukocyte Common Antigen has been shown to exist in different forms on different lymphoid cell types. Rat L-CA on thymocytes gives one main band at 180 kDa, T cells show 4 bands at 180, 190, 200 and 220 kDa and B cells; one broad band at 240 kDa. T helper and T cytotoxic cell subsets show the same 4 bands with some differences in the proportions of each. CL022AP reacts with the high molecular weight form of the leukocyte common antigen (2) which includes the 240 kDa form on B cells as well as a subfraction of the 190, 200 and 220 kDa forms, but not with the 180 kDa form of T cells or thymocytes. (5) Thus, CL022AP reacts with B cells, cytotoxic T cells and helper cells for T cell responses but not with thymocytes or helper T cells for *in vivo* antibody responses. (5) Consequently, this antibody can be used to identify B cells, all CD8+ve T cells, 75% CD4+ve T cells and 50% Bone Marrow cells. This, antibody also divides rat CD4+ve T cells into two phenotypically distinct populations differing in their helper activities (6,7).

PRESENTATION:

Purified: Purified IgG buffered in PBS and 0.02% NaN_3. (Purified from ascitic fluid via Protein G Chromatography). For maximum recovery of contents, spin down tube before use.
Biotin, FITC and PE: Biotin/FITC/PE conjugated IgG buffered in PBS, 0.02% NaN_3 and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml.

STORAGE/STABILITY:

For all formats, store at 4°C. DO NOT FREEZE **PE** conjugates. For long term storage (**Purified, Biotin, FITC**), aliquot and freeze unused portion at -20°C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

SPECIFICATIONS:

Clone: MRC OX-22

Hybridoma Production:
Immunization:

Immunogen: phytohemagglutinin-activated rat lymph node cells
Donor: BALB/c Spleen
Fusion Partner: P3-NSI-1-Ag4 (NS1/1)

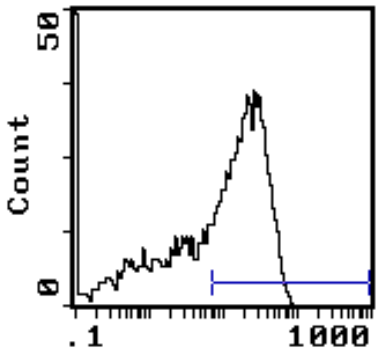
Specificity: Rat CD45RC

TEST RESULTS:

Tissue Distribution by Flow Cytometry Analysis:

Rat Strain: Wistar
Cell Concentration: 1 X 10^6 cells per test
Antibody Concentration: 0.1 µg/10^6 cells

CELL SOURCE	PERCENT STAINING
Thymus	13.2%
Spleen	54.2%



Cell Source: Splenocytes

N.B. **Appropriate control samples should always be included in any labelling studies.**
*** For optimal results in various applications, it is recommended that each investigator determine dilutions appropriate for individual use.**

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FOR RESEARCH USE ONLY

MW 04/27/16