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## Datasheet for ABIN133289 **anti-CD45RC antibody**

### Overview

Quantity:	250 µg
Target:	CD45RC
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD45RC antibody is un-conjugated
Application:	Flow Cytometry (FACS)

### Product Details

Immunogen:	Phytohaemagglutinin-activated rat lymph node cells . FUSION PARTNER: P3-NSI-1-Ag4 (NS1/1) . IMMUNOCYTE DONOR: BALB/c Spleen
Clone:	OX-22
Isotype:	IgG1
Specificity:	Rat CD45RC
Purification:	Purified

### Target Details

Target:	CD45RC
Alternative Name:	CD45RC ( <a href="#">CD45RC Products</a> )
Background:	Rat Leukocyte Common Antigen has been shown to exist in different forms on different

## Target Details

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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. ABIN133289 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, ABIN133289 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).

## Application Details

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Restrictions: For Research Use only

## Handling

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Concentration: 1.0 mg/ml

Storage: 4 °C