



[Go to Product page](#)

Datasheet for ABIN133291
anti-CD45RC antibody (Biotin)

Overview

Quantity:	100 µg
Target:	CD45RC
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CD45RC antibody is conjugated to Biotin
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 (L-CA, high molecular weight form)

Target Details

Target:	CD45RC
Alternative Name:	CD45RC (CD45RC Products)
Background:	Anti-rat CD45RC monoclonal antibody reacts with the high molecular weight form (190-240 kDa) of the leukocyte common antigen (1) designated as CD45RC. This designation includes the 240 kDa form on B cells as well as a subfraction of the 190, 200 and 220 kDa forms, but not

Target Details

the 180 kDa form on T cells or thymocytes (2). ABIN133291 can be used to identify B cells, all CD8 positive T cells, 75% CD4 positive cells and 50% of bone marrow cells. This antibody differentiates rat CD4 positive T cells into two phenotypically distinct populations differing in their helper activities (3,4). Applications include flow cytometry analysis.

Application Details

Restrictions: For Research Use only

Handling

Concentration: 0.1 mg/ml

Buffer: Biotin conjugated Ig buffered in PBS, 0.02% NaN and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml. (Purified from ascitic fluid via Protein G Chromatography)

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C