

Datasheet for ABIN7543009

Recombinant anti-CD45RC antibody[Go to Product page](#)

Overview

Quantity:	200 µg
Target:	CD45RC
Reactivity:	Rat
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Chimeric
Conjugate:	This CD45RC antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunoprecipitation (IP), Immunohistochemistry (IHC)

Product Details

Purpose:	Anti-CD45RC [OX-22], Rabbit IgG, kappa
Immunogen:	OX-22 was prepared by immunizing BALB/c mice with phytohemagglutinin-activated rat lymph node cells.
Clone:	OX-22
Isotype:	IgG kappa
Specificity:	OX-22 binds specifically to the high molecular weight form of the leucocyte common antigen, CD45RC. OX-22 and OX-31 compete for binding but do not compete with OX-32. The antigen is expressed on the surface of B cells, around half of bone marrow cells, all CD8+ve T cells, and is able to differentiate between CD4+CD45RChigh (Th1-like) and CD4+CD45RClow (Th2-like) cell types. CD45 extracellular domain is able to interact with a number of different proteins including CD4, TCR, CD2, Thy-1 and CD26. CD45 is important for signalling through the T cell

Product Details

receptor and in the selection of T and B lymphocytes.

Characteristics: Original Species of Ab: Mouse
Original Format of Ab: IgG1

Purification: Protein A affinity purified

Target Details

Target: CD45RC

Alternative Name: CD45RC ([CD45RC Products](#))

Background: L-CA, Receptor-type tyrosine-protein phosphatase C, leukocyte common antigen, T200, CD45, OX22, MRC OX22, MRC OX-22, CD45 R

UniProt: [P04157](#)

Application Details

Application Notes: OX-20 can be used for both FC and IHC (paraffin/frozen) studies. It can also be used to purify proteins by affinity-purification (Woolett et al. Eur J Immunol. 1985 Feb,15(2):168-73).

Comment: This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Restrictions: For Research Use only

Handling

Concentration: 1 mg/mL

Buffer: PBS with 0.02 % Proclin 300.

Preservative: ProClin

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

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.