

## Anti-CD200R Antibody-APC (3W398)

## Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	APC
Clone:	3W398
Purification:	Protein A

## Applications

Verified Activity:	Flow cytometric analysis of Human CD200R expression on human whole blood lymphocytes. Cells were stained with APC-conjugated anti-Human CD200R. The fluorescence histograms were derived from gated events with the forward and side light-scatter characteristics of viable lymphocytes.
Application:	FCM
Recommended	10 µl/Test, 0.1 mg/ml

## Properties

Stability & Storage:	Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight. Sodium azide is toxic to cells and should be disposed of properly. Flush with large volumes of water during disposal.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Human CD200R1 Protein (TMPY-01302)
Antigen Species:	Human
Synonyms:	Mox2r;CD200 receptor 1;OX2R;CD200R
Biology Area:	Neuroinflammation, Cancer Drug Targets

## Research Background

The cluster of differentiation (CD) system is commonly used as cell markers in Immunophenotyping. Different kinds of cells in the immune system can be identified through the surface CD molecules associating with the immune function of the cell. There are more than 320 CD unique clusters and subclusters have been identified. Some of the CD molecules serve as receptors or ligands important to the cell through initiating a signal cascade which then alter the behavior of the cell. Some CD proteins do not take part in cell signal process but have other functions such as cell adhesion. Cell surface glycoprotein CD200 receptor 1 (CD200R1) is an isoform of CD200 receptors that is expressed on cells of the myeloid lineage. CD200R1 is a receptor for the OX-2 membrane glycoprotein. The receptor-substrate interaction may serve as a myeloid downregulatory signal. Cancer Immunotherapy/Immune Checkpoint/Immunotherapy/Targeted Therapy

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