

PE/Cy7 anti-human CD200R

Catalog # / Size: 2246555 / 25 tests
2246560 / 100 tests

Clone: OX-108

Isotype: Mouse IgG1, κ

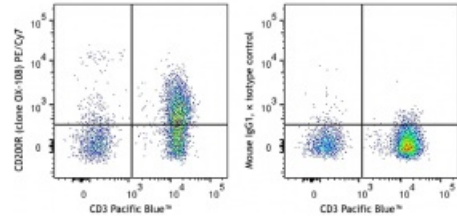
Immunogen: Human CD200R full length fusion protein

Reactivity: Human, Non-human primate

Preparation: The antibody was purified by affinity chromatography and conjugated with PE/Cy7 under optimal conditions. The solution is free of unconjugated PE/Cy7 and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA (origin USA).

Concentration: Lot-specific



Human peripheral blood lymphocytes were stained with CD3 (clone UCHT1) Pacific Blue™ and CD200R (clone OX-108) PE/Cy7 (left) or mouse IgG1, κ PE/Cy7 isotype control (right).

Applications:

Applications: Flow Cytometry

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is 5 µl per million cells in 100 µl staining volume or 5 µl per 100 µl of whole blood.

Application References: 1. Wright GJ, *et al.* 2003. *J. Immunol.* 171:3034.
2. Gorczynski R, *et al.* 2004. *J. Immunol.* 172:7744.

Description: CD200R, also known as OX2R, is a membrane glycoprotein with up to 70% of its weight derived from N-linked glycosylation. CD200R is expressed primarily by monocytes and neutrophils, but also by other leukocytes including T cells and mast cells. The interaction between CD200 and CD200R may contribute to pathways that suppress and limit macrophage induced inflammatory damage in tissues.

Antigen References: 1. Wright GJ, *et al.* 2003. *J. Immunol.* 171:3034.
2. Gorczynski R, *et al.* 2004. *J. Immunol.* 172:7744.