

PE/Dazzle™ 594 anti-human CD200R

Catalog # / 2246545 / 25 tests
Size: 2246550 / 100 tests

Clone: OX-108

Isotype: Mouse IgG1, κ

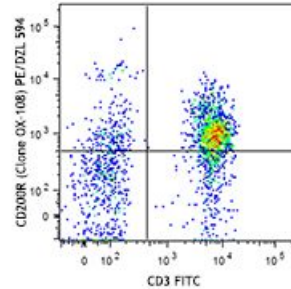
Immunogen: Human CD200R full length fusion protein

Reactivity: Human

Preparation: The antibody was purified by affinity chromatography and conjugated with PE/Dazzle™ 594 under optimal conditions. The solution is free of unconjugated PE/Dazzle™ 594 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

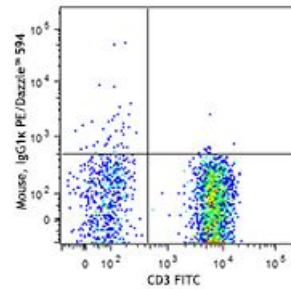


Human peripheral blood lymphocytes were stained with CD3 FITC and CD200R (clone OX-108) PE/Dazzle™ 594 (top) or mouse IgG1, κ PE/Dazzle™ 594 (bottom).

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 microL per million cells or 5 microL per 100 microL of whole blood. It is recommended that the reagent be titrated for optimal performance for each application.



* PE/Dazzle™ 594 has a maximum excitation of 566 nm and a maximum emission of 610 nm.

Application References: Wright GJ, *et al.* 2003. *J. Immunol.* 171:3034.

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.