

APC anti-mouse CD200R (OX2R)

Catalog # / Size: 1219575 / 25 µg
 1219580 / 100 µg

Clone: OX-110

Isotype: Rat IgG2a, κ

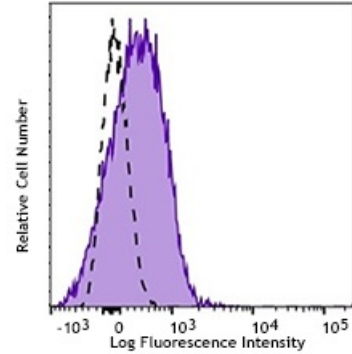
Immunogen: Fusion protein mouse CD200RCD4d3

Reactivity: Mouse

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

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.2 mg/ml



C57BL/6 mouse bone marrow cells were stained with CD200R (OX2R) (clone OX-110) APC (filled histogram) or Rat IgG2a, κ APC isotype control (open histogram). Data shown was gated on the myeloid cell population.

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 ≤ 1.0 µg per million cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

Application Notes: Additional applications (for the relevant formats) include: *in vivo* studies³.

Application References:

1. Voulgaraki D, *et al.* 2005. *Immunol.* 115:337
2. Stumper TL, *et al.* 2011. *J. Immunol.* 186:1970. [PubMed](#)
3. Talebian F, *et al.* 2012. *PLoS One* 7:e31442. (FA)

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 lymphocytes and mast cells. The interaction between CD200 and CD200R may contribute to pathways that suppress and limit macrophage induced inflammatory damage in tissue. Studies suggest that CD200-CD200R interaction may be involved in the control of myeloid cellular function. Levels of expression on resting peripheral blood cells are relatively low.

Antigen References:

1. Voulgaraki D, *et al.* 2005. *Immunol.* 115:337