

PE anti-mouse CD200R (OX2R)

Catalog # / Size: 123907 / 25 µg
123908 / 100 µg

Clone: OX-110

Isotype: Rat IgG2a, κ

Immunogen: Fusion protein mouse CD200RCD4d3

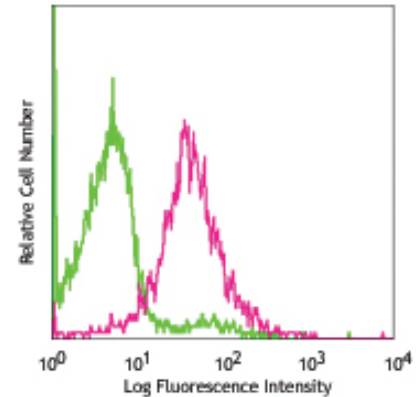
Reactivity: Mouse

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

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

Concentration: 0.2 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



C57BL/6 bone marrow cells stained with OX-110 PE (gated on myeloid population)

Applications:

Applications: FC - Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤0.25 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. The LEAF™ purified antibody is recommended for functional assays.

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

Related Products:

Product	Clone	Application
PE Rat IgG2a, κ Isotype Ctrl	RTK2758	FC, ICFC
Cell Staining Buffer		FC, ICC, ICFC
RBC Lysis Buffer (10X)		FC, ICFC
TruStain fcX™ (anti-mouse CD16/32)	93	FC



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