

## Purified anti-mouse CD200R (OX2R)

**Catalog # / Size:** 123902 / 500 µg  
**Clone:** OX-110  
**Isotype:** Rat IgG2a, κ  
**Immunogen:** Fusion protein mouse CD200RCD4d3  
**Reactivity:** Mouse  
**Preparation:** This antibody was purified by affinity chromatography.  
**Formulation:** Phosphate buffered solution, pH 7.2, containing 0.09% sodium azide.  
**Concentration:** 0.5 mg/ml  
**Storage:** The antibody solution should be stored undiluted at 4°C.

## 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* studies<sup>3</sup>. 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**  
 Purified Rat IgG2a, κ Isotype Ctrl  
 Cell Staining Buffer  
 RBC Lysis Buffer (10X)

**Clone**  
 RTK2758

**Application**  
 FC, ICC, IF, IHC, IP, WB  
 FC, ICC, ICFC  
 FC, ICFC



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