

## Anti-CD200R [OX131] VivopureX 25 mg Ab00111-1.4-VXX

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a chimeric antibody created to reduce immunogenicity during in vivo applications.

**Isotype and Format:** Mouse IgG1, Fc Silent™, Kappa

**Clone Number:** OX131

**Alternative Name(s) of Target:** CD200 Receptor; CD200 Cell surface glycoprotein receptor; Cell surface glycoprotein OX2 receptor 1; CD200R1; CD200R; OX2R; CD200 receptor-like 2; HuCD200R2; CD200RLa

**UniProt Accession Number of Target Protein:** Q9ES57

**Published Application(s):** FC

**Published Species Reactivity:** Mouse

**Immunogen:** Recombinant protein consisting of the extracellular regions of CD200R and CD200RLc together with rCD4d3+4 and attachment to streptavidin coated beads.

**Specificity:** Mouse CD200R, an inhibitory receptor which is expressed on various leukocytes and delivers inhibitory signals upon engagement with its ligand CD200R1 and CD200R2.

**Application Notes:**

**Antibody First Published in:** Akkaya M, Akin ML, Akkaya B, Barclay AN. Dissection of agonistic and blocking effects of CD200 receptor antibodies. PLoS One. 2013 May 14;8(5):e63325. [PMID:23691022](#)

**Note on publication:** Describes the generation of the antibody, shows it blocks CD200/CD200R interaction by binding to CD200R (UniProt Accession No. Q9ES57; Q9ES57.1).

## Product Form

**Size:** 25 mg VivopureX products are produced at high purity (>98%), low endotoxin (<0.5 EU/mg) and are formulated without preservatives. These antibodies are chimerized to have an Fc domain matching their target species to reduce immunogenicity and give you the optimal effector function for your experiment. As a result VivopureX products are the ideal choice for in vivo research applications.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** All VivopureX products are formulated in PBS only without addition of preservatives. To ensure optimal storage and prevent microbial contamination, only open and dispense

under sterile conditions.

**Concentration:**  $\geq 1\text{mg}$  (see vial label for exact conc)

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.