

Anti-CD200R [OX131] Standard Size Ab00111-1.4

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: 100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

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