

Anti-CD200R [OX-110] Standard Size Ab00577-2.3

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

This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG2a, [Fc Silent™](#), Kappa

Clone Number: OX-110

Alternative Name(s) of Target: OX2R; Cell surface glycoprotein CD200 receptor; cell surface glycoprotein CD 200 receptor; CD200 receptor; CD 200 receptor; CD200cell surface glucoprotein receptor; CD 200 cell surface glycoprotein receptor; cell surface glycoprotein OX2 receptor; OX110; MRC OX

UniProt Accession Number of Target Protein: Q9ES57

Published Application(s): FC

Published Species Reactivity: Mouse

Immunogen: OX-110 was generated from rats using immunogenic mouse fusion protein mCD200RCD4d34.

Specificity: OX-110 binds specifically to CD200R proteins. CD200R is a type I membrane protein and an inhibitory receptor for the CD200/OX-2 cell surface glycoprotein. CD200R acts to limit inflammation by inhibiting expression of pro-inflammatory molecules such as TNF-alpha, interferons and iNOS in response to selected stimuli. CD200R is expressed on rodent myeloid cells and is involved in regulation of macrophage function.

Application Notes: OX-110 can be used to stain in FC.

Antibody First Published in: Wright et al. Characterization of the CD200 receptor family in mice and humans and their interactions with CD200. J Immunol 171:3034-46 2003 [PMID:12960329](#)

Note on publication: Describes the use of OX-110 in studying CD200R expression on isolated leukocyte populations.

Product Form

Size: 200 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.