Anti-CD200R [OX-110] Standard Size Ab00577-2.0

> 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, 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 glycoportein. 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 stdying 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 4⁰C for up to 3 months. For longer storage, aliquot and store at -20⁰C.

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.