Anti-CD200R [OX-110] Bulk Size Ab00577-7.4-BT

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

Isotype and Format: Rat 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 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: 1 mg Purified antibody in bulk size.
Purification: Protein A affinity purified
Supplied In: PBS only.
Storage Recommendation: Store at 4^{o}C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommed this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20^{o}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.