### Product Details

#### Target Species
Mouse

#### Product Form
Purified IgG conjugated to R. Phycoerythrin (RPE) - liquid

#### Preparation
Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

#### Buffer Solution
Phosphate buffered saline

#### Preservative Stabilisers
- 0.09% Sodium Azide
- 1% Bovine Serum Albumin
- 5% Sucrose

#### Immunogen
Fusion protein mCD200RCD4d3+4

#### External Database Links
- **UniProt:**
  - Q9ES57
  - Related reagents
- **Entrez Gene:**
  - 57781
  - Cd200r1
  - Related reagents

#### Synonyms
Mox2r, Ox2r

#### Specificity
Rat anti Mouse CD200R antibody, clone OX-110 recognizes mouse CD200R, a cell surface
glycoprotein (also known as OX2R. Mouse CD200R is a 326 amino acid, ~48kDa single pass type I transmembrane glycoprotein, expressed primarily by peripheral blood monocytes and neutrophils but also by other leukocytes including T-lymphocytes and mast cells (Wright et al. 2003). Studies suggest that CD200-CD200R interaction may be involved in the control of myeloid cellular function (Minas and Liversidge 2006).

Rat anti Mouse CD200R antibody, clone OX-110 has been used successfully for the immunohistochemical detection of CD200R expressing cells on acetone fixed cryosections of murine synovial tissue (Simelyte et al. 2008).

Flow Cytometry

Use 10ul of the suggested working dilution to label 10^6 cells in 100ul.

The Fc region of monoclonal antibodies may bind non-specifically to cells expressing low affinity fc receptors. This may be reduced by using SeroBlock FcR (BUF041A/B).

References


Storage

Store at +4°C.

DO NOT FREEZE

This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life

12 months from date of despatch.

Health And Safety

Material Safety Datasheet Documentation #10306 available at: