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## PE Anti-Human CD200/OX2 Antibody[OX-104]

**Catalog No.** E-AB-F1160D **Reactivity** Human **Storage** Store at 2~8°C, Avoid freeze / thaw cycles **Applications** FCM

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### **Antigen Information**

Alternate Names MOX1,MOX2,My033,CD 200

Uniprot ID P41217

**Background** CD200, also known as OX2, is a member of the immunoglobulin superfamily (IgSF). It is a

monomorphic cell surface glycoprotein that is expressed on thymocytes, neurons, endothelium, follicular dendritic cells in all lymphoid organs, a subset of CD34+ progenitor cells, and at low levels on some smooth muscle and B lymphocytes. It is not expressed on NK cells, monocytes, granulocytes, or platelets. CD200 costimulates T cell proliferation. It may regulate myeloid cell activity in a variety of tissues. The interaction between CD200 (OX2) and CD200 receptor (OX2R) system is of importance in the control of macrophage and granulocyte activation, which may contribute to pathways that suppress and limit macrophage induced inflammatory damage in

tissue.

#### **Product Details**

Form Liquid

Size 20Tests/100Tests/100Tests×2

Clone No. OX-104 Host Mouse

**Isotype** Mouse IgG1, κ

**Reactivity** Human **Application** FCM

**Isotype Control** PE Mouse IgG1, κ Isotype Control[MOPC-21] [Product E-AB-F09792D]

**Storage Buffer** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.

**Shipping** Biological ice pack at 4 °C **Stability & Storage** Keep as concentrated solution.

Store at 2~8°C and protected from prolonged exposure to light.Do not freeze.

This product is guaranteed up to one year from purchase.

For Research Use Only

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## **Fluorophore**

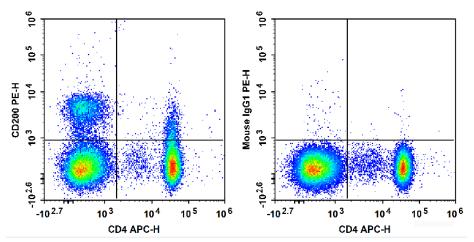
### Conjugation: PE

PE is designed to be excited by the Blue (488 nm), Green (532 nm) and Yellow-Green (561 nm) lasers and detected using an optical filter centered near 575 nm (e.g., a 585/42 nm bandpass filter).

# **Recommended usage**

Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ L staining volume or per 100  $\mu$ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

#### **Product data**



Human peripheral blood lymphocytes are stained with APC Anti-Human CD4 Antibody and PE Anti-Human CD200 Antibody (Left). Lymphocytes are stained with APC Anti-Human CD4 Antibody and PE Mouse IgG1, κ Isotype Control (Right).

### **Related Information**

- 1. Sample Preparation for Flow Cytometry <a href="https://www.elabscience.com/List-detail-5594.html">https://www.elabscience.com/List-detail-5594.html</a>
- 2. Staining Cell Surface Targets for Flow Cytometry <a href="https://www.elabscience.com/List-detail-5568.html">https://www.elabscience.com/List-detail-5568.html</a>
- 3. Flow Cytometry Troubleshooting Tips <a href="https://www.elabscience.com/List-detail-5593.html">https://www.elabscience.com/List-detail-5593.html</a>
- 4. How to select the appropriate detection channel through the spectrogram? <a href="https://www.elabscience.com/List-detail-459742.html">https://www.elabscience.com/List-detail-459742.html</a>

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