

## Purified Anti-Human CD200 Antibody[OX-104]

catalog number: E-AB-F11600P

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

### Description

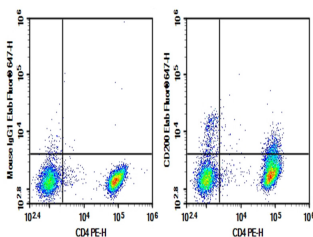
<b>Reactivity</b>	Human
<b>Immunogen</b>	Recombinant Human CD200 protein
<b>Host</b>	Mouse
<b>Isotype</b>	Mouse IgG1, κ
<b>Clone</b>	OX-104
<b>Purification</b>	>98%, Protein A/G purified
<b>Buffer</b>	Phosphate-buffered solution, pH 7.2, containing 0.05% non-protein stabilizer. Dialyze to completely remove the stabilizer prior to labeling.

### Applications

### Recommended Dilution

<b>FCM</b>	2 µg/mL (0.5×10 <sup>6</sup> -1×10 <sup>6</sup> cells)
------------	--

### Data



Human peripheral blood lymphocytes cell were stained with 0.2 µg Purified Anti-Human CD200 Antibody[OX-104] (Right) and 0.2 µg Mouse IgG1, κ Isotype Control (Left),

followed by Elab Fluor® 647-conjugated Goat Anti-Mouse IgG Secondary Antibody, then anti-Human CD4 PE-conjugated Monoclonal Antibody.

### Preparation & Storage

<b>Storage</b>	Store at 4°C valid for 12 months or -20°C valid for long term storage, avoid freeze / thaw cycles.
<b>Shipping</b>	Ice bag

### Background

CD200 (OX2) and CD200R (OX2R) are membrane glycoprotein members of the Ig superfamily. CD200 is expressed by a range of cells, including neurons, epithelial cells, endothelial cells, fibroblasts, and lymphoid cells, while its receptor, CD200R, is found on myeloid and T cells. Interaction between CD200 and CD200R downregulates macrophage function and plays a role in immunosuppression and regulation of anti-tumor immune responses.

### For Research Use Only