

## Anti-CD200 Antibody (8I103)

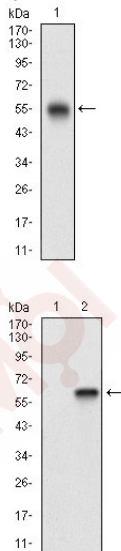
### Product Details

Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 31 kDa.
Clone:	8I103
Purification:	ProA affinity purified

### Applications

#### Verified Activity:

1. Western blot analysis of CD200 on human CD200 recombinant protein using anti- CD200 antibody at 1/1,000 dilution
2. Western blot analysis of CD200 on HEK293 (1) and CD200-hlgGfc transfected HEK293 (2) cell lysate using anti-CD200 antibody at 1/1,000 dilution.



Application:	FCM,WB
Recommended	WB: 1:500-2000

### Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen: Recombinant Protein  
Uniprot ID: P41217  
Synonyms: OX-2 membrane glycoprotein

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### Research Background

OX2 (CD200, MOX2), a member of the immunoglobulin superfamily (IgSF), is a 248 residue cell surface glycoprotein that is expressed in lymphoid cells, neurons, and endothelium. OX2 receptor (OX2R) is a membrane protein with up to 70% of its weight derived from N-linked glycosylation, and it is primarily expressed in lymphoid and neuronal tissue. Phylogenetic analysis of OX2R with respect to other leukocyte IgSF glycoproteins suggests that OXR2 and OX2 share a common ancestral protein. The cytoplasmic portion of OX2R contains NPXY motifs that are known to interact with PTB/PID binding domains. The interaction between OX2 and OX2R may contribute to pathways that suppress and limit macrophage induced inflammatory damage in tissue.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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