

# CD200 Recombinant antibody

**Cat:**B36268S

**Company:** HaoKebio

**Uniprot ID:**O54901

**Applications:** IHC:1:500-1:2000

**Organism:**Rabbit

IHC-Polymer:1:2000-1:8000

**Species reactivity:**Mouse

IHC-TSA:1:2500-1:10000

**Molecular Weight Calculation:** 31 kDa

IF:1:50-1:100

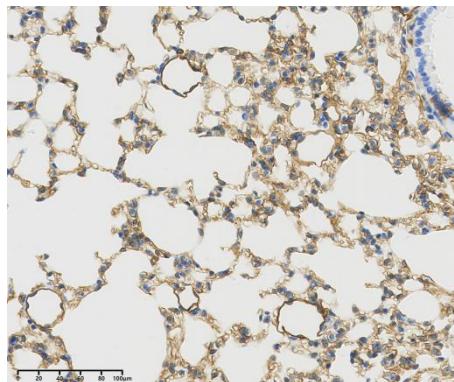
**Observed Molecular Weight:** 40 kDa

WB:1:5000-1:50000

**Background:**

CD200, also known as OX2, is a type I transmembrane glycoprotein that belongs to the immuno-globulin superfamily. It contains two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. CD200 is expressed on a variety of cell types, including thymocytes, B1 lymphocytes, a subset of T lymphocytes, follicular dendritic cells, neurons, and endothelial cells. CD200 binds to its receptor, CD200R, which is primarily expressed by myeloid and T cell lineage. The CD200-CD200R interaction plays a role in immunosuppression and suppression of anti-tumor immune responses.

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

**Images:**


Sample: Mouse lung, 4% PFA 12-24h

**Synonyms:**

OX2, Mox2, CD200 antigen, 240391A8

**Immunogen:**

Recombinant protein

**Isotype:**

IgG

**Subcellular location:**

Membrane

**Purity:**

Affinity purification

**Form:**

Liquid

**Storage Buffer:**

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

**Storage:**

Store at -20 °C for one year.

**Experimental procedure:**
**SK-MEL-28**
**kDa**

 180 -  
 130 -  
 100 -  
 70 -  
 55 -  
 40 -  
 35 -  
 25 -

15 -

10 -

Dilution of 1:10000 incubated at room temperature for 1.5 hours.

**Source of Reagents:**

发表[中文论文]请标注:CD200(B36268S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:CD200(B36268S) were  
kindly provided by Hangzhou Haoke Biotechno-  
logy Co., Ltd.