

**CD200 rabbit pAb****Cat#: orb767079 (Manual)**

For research use only. Not intended for diagnostic use.

<b>Product Name</b>	CD200 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Rat;Mouse;
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human CD200. AA range:171-220
<b>Specificity</b>	CD200 Polyclonal Antibody detects endogenous levels of CD200 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	OX-2 membrane glycoprotein
<b>Gene Name</b>	CD200
<b>Cellular localization</b>	Cell membrane; Single-pass type I membrane protein.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal

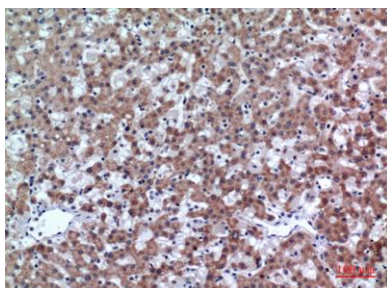
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	31kD
<b>Human Gene ID</b>	4345
<b>Human Swiss-Prot Number</b>	P41217
<b>Alternative Names</b>	CD200; MOX1; MOX2; My033; OX-2 membrane glycoprotein; CD200

## Background

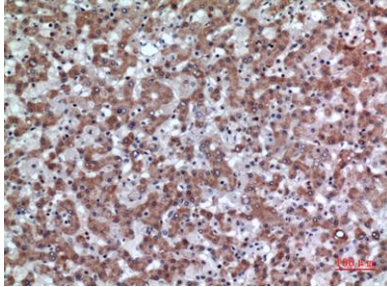
This gene encodes a type I membrane glycoprotein containing two extracellular immunoglobulin domains, a transmembrane and a cytoplasmic domain. This gene is expressed by various cell types, including B cells, a subset of T cells, thymocytes, endothelial cells, and neurons. The encoded protein plays an important role in immunosuppression and regulation of anti-tumor activity. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2016],



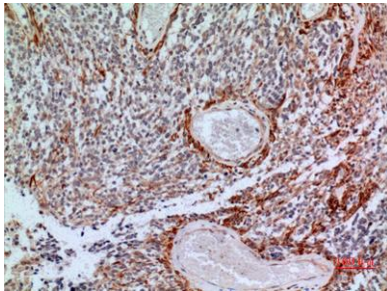
**Western Blot analysis of PC12 cells using CD200 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000**



**Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100**



**Immunohistochemical analysis of paraffin-embedded human-liver, antibody was diluted at 1:100**



**Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:100**