

## Rabbit Anti-CD200 antibody

SL6030R

**Product Name** CD200

**Chinese Name** 膜 glycoproteinCD200 抗体

**Alias** CD200 antigen; CD200 molecule; MOX1; MOX2; MRC; MRC OX 2 antigen; My033; OX 2; OX 2 membrane glycoprotein precursor; OX-2 membrane glycoprotein; OX2G; OX2G\_HUMAN.

**Research Area** Cell biology immunology Cell Surface Molecule glycoprotein lymphocyte t-lymphocyte

**Immunogen Species** Rabbit

**Clonality** Polyclonal

**React Species** Human,Rat(predicted:Mouse)

**Applications** IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)  
not yet tested in other applications.  
optimal dilutions/concentrations should be determined by the end user.

**Theoretical molecular weight** 28kDa

**Detection molecular weight** 40-50 kDa

**Cellular localization** The cell membrane

**Form** Liquid

**Concentration** 1mg/ml

**immunogen** KLH conjugated synthetic peptide derived from human CD200: 41-140/278 <Extracellular>

**Lsotype** IgG

**Purification** affinity purified by Protein A

**Buffer Solution** 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.



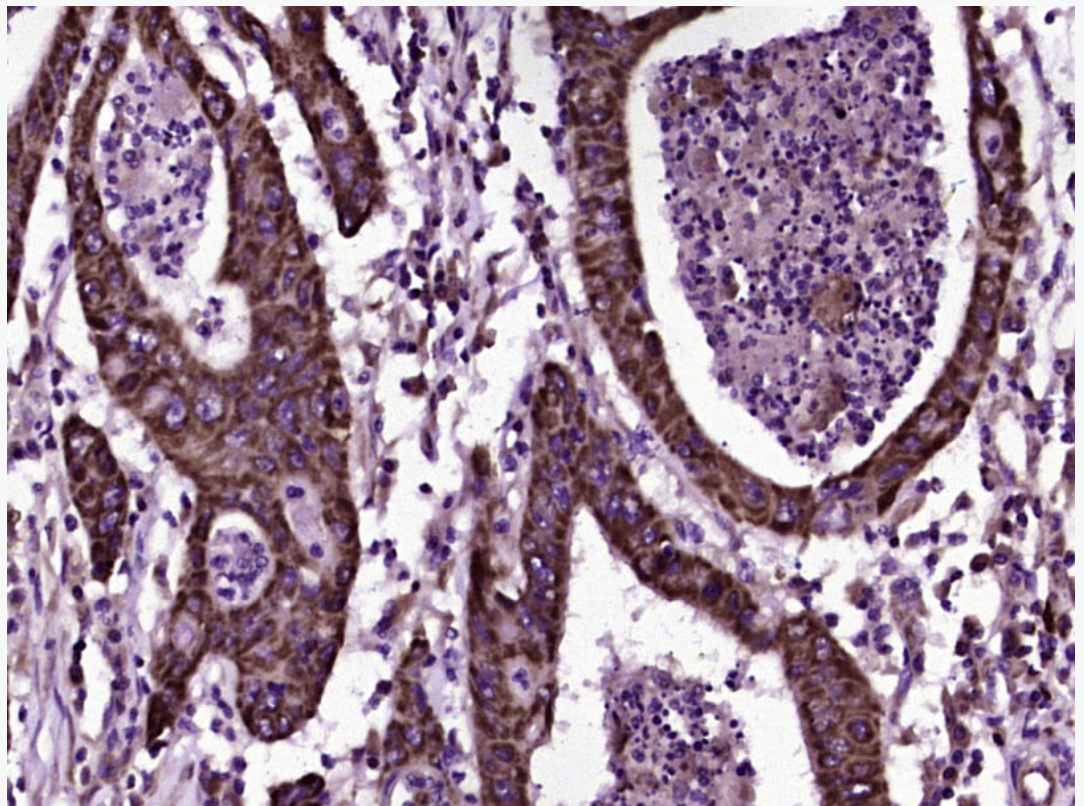
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<b>Storage</b>	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
<b>Attention</b>	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
<b>PubMed</b>	<a href="#">PubMed</a> 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]  <b>Function:</b> Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues.  <b>Subunit:</b> Interacts with CD200R1.  <b>Subcellular Location:</b> Cell membrane; Single-pass type I membrane protein.
<b>Product Detail</b>	<b>Similarity:</b> Contains 1 Ig-like C2-type (immunoglobulin-like) domain. Contains 1 Ig-like V-type (immunoglobulin-like) domain.  <b>SWISS:</b> P41217  <b>Gene ID:</b> 4345  <b>Database links:</b> <a href="#">Entrez Gene: 4345</a> Human <a href="#">Omim: 155970</a> Human <a href="#">SwissProt: P41217</a> Human <a href="#">Unigene: 79015</a> Human

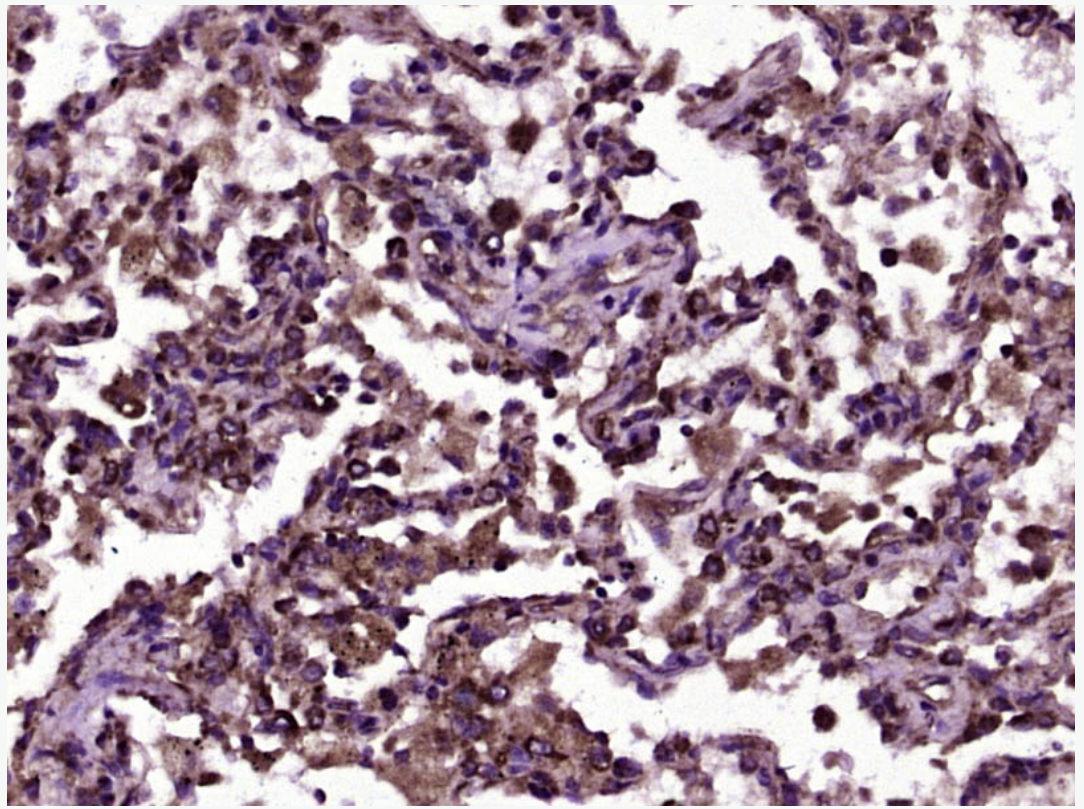
CD200 是I型膜 glycoprotein, 为免疫球蛋白超家族的新成员, 广泛表达在人类胸

腺细胞、B 细胞、激活的 T 细胞、滤泡状树突细胞、神经元及血管内皮上。可表达于 B 细胞及其增殖性疾病和一部分 T 细胞。近年来研究发现，CD200 与 CD200R 间的相互作用可以传递抑制性信号减低髓样细胞的活性，改变其迁移。CD200 在免疫疾病和抑制排斥反应中作为一种免疫耐受信号，它的一些相关分子在免疫调节中也具有一定的作用。

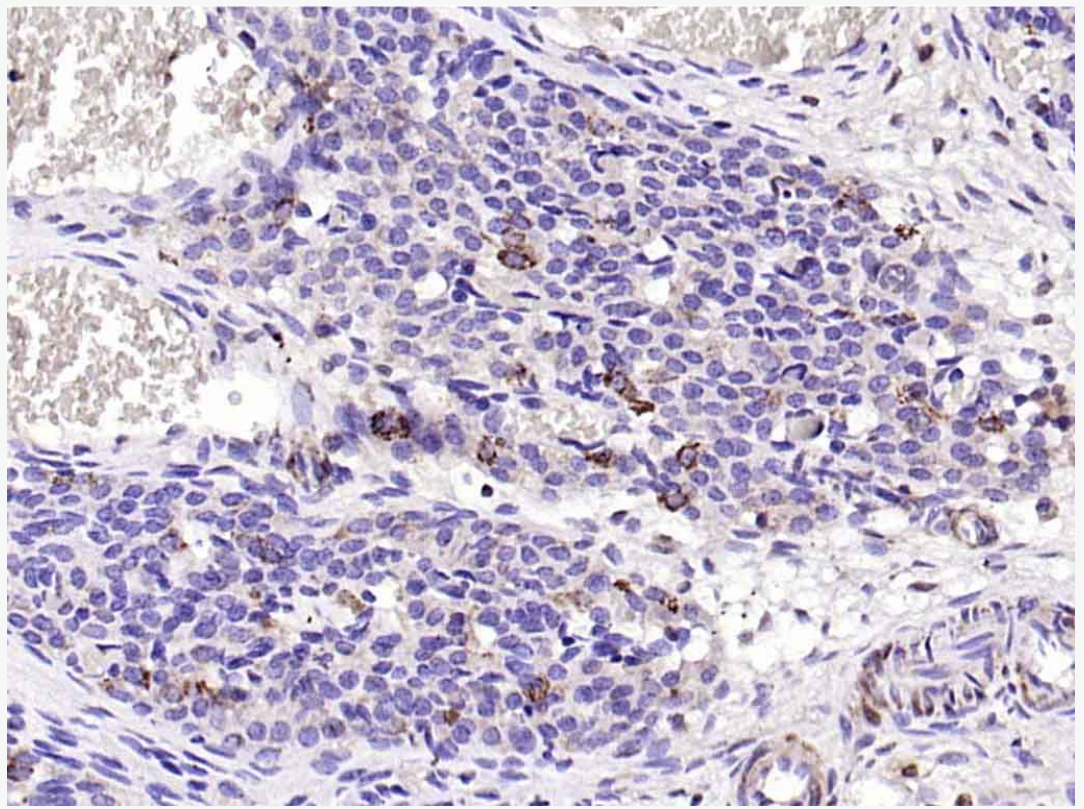
**Product  
Picture**



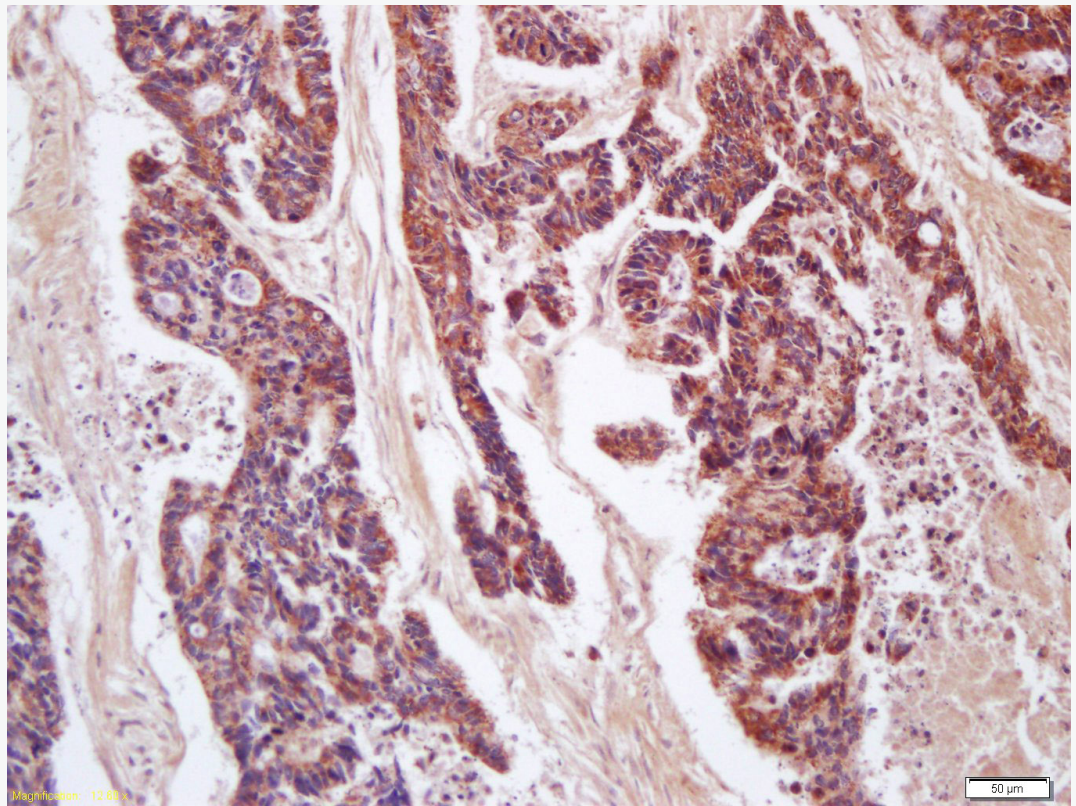
Paraformaldehyde-fixed, paraffin embedded (Human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD200) Polyclonal Antibody, Unconjugated (SL6030R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human lung carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD200) Polyclonal Antibody, Unconjugated (SL6030R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



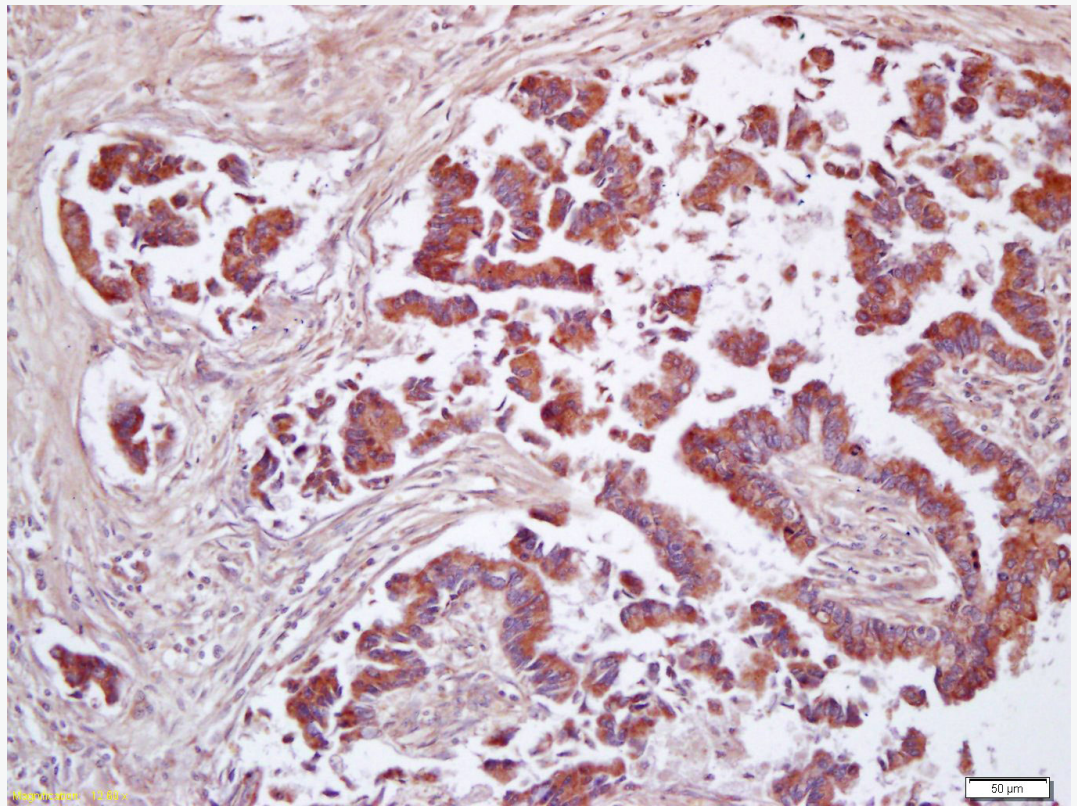
Paraformaldehyde-fixed, paraffin embedded (rat ovary); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD200) Polyclonal Antibody, Unconjugated (SL6030R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Tissue/cell: human rectal carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 1M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-CD200 Polyclonal Antibody, Unconjugated(SL6030R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 1M, pH 6.0 ), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-CD200 Polyclonal Antibody, Unconjugated(SL6030R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining