



## Rabbit Anti-CD200 antibody

SL6030R

<b>Product Name:</b>	CD200
<b>Chinese Name:</b>	膜glycoproteinCD200抗体
<b>Alias:</b>	CD200; 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.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	28kDa
<b>Cellular localization:</b>	The cell membrane
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human CD200:41-140/278<Extracellular>
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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]

**Function:**

Costimulates T-cell proliferation. May regulate myeloid cell activity in a variety of tissues.

**Subunit:**

Interacts with CD200R1.

**Subcellular Location:**

Cell membrane; Single-pass type I membrane protein.

**Similarity:**

Contains 1 Ig-like C2-type (immunoglobulin-like) domain.

Contains 1 Ig-like V-type (immunoglobulin-like) domain.

**SWISS:**

P41217

**Gene ID:**

4345

**Database links:**

[Entrez Gene: 4345](#)Human

[Omim: 155970](#)Human

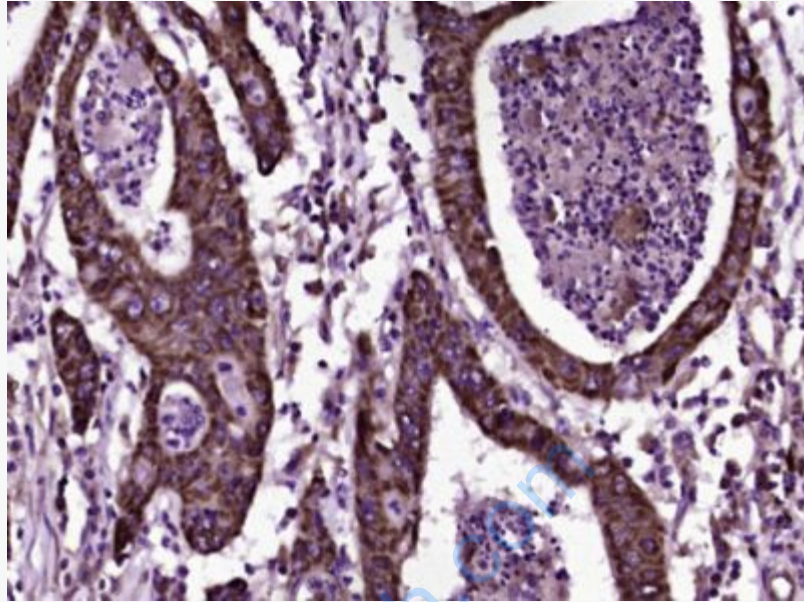
[SwissProt: P41217](#)Human

[Unigene: 79015](#)Human

**Important Note:**

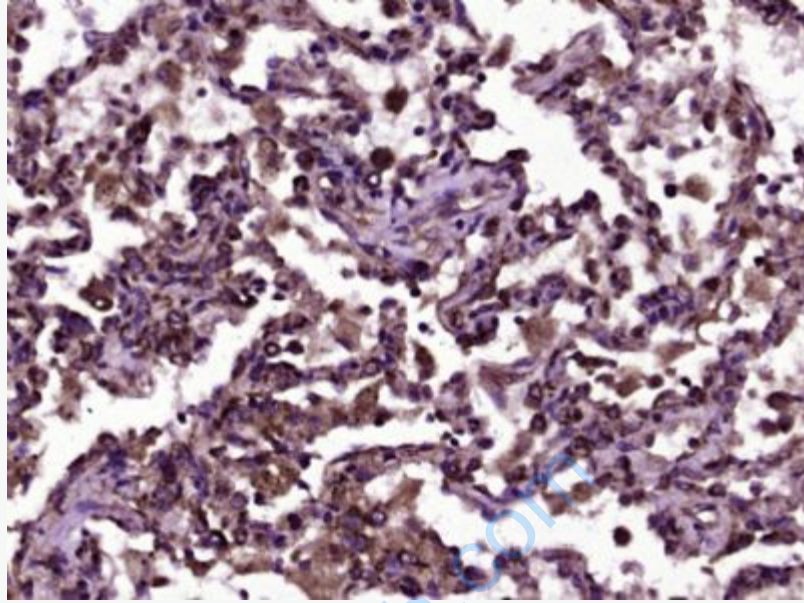
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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。

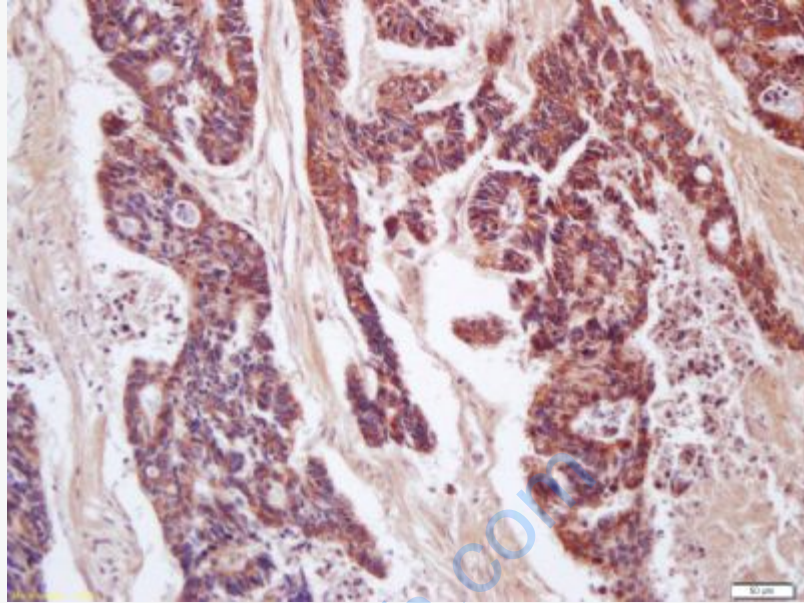


**Picture:**

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.

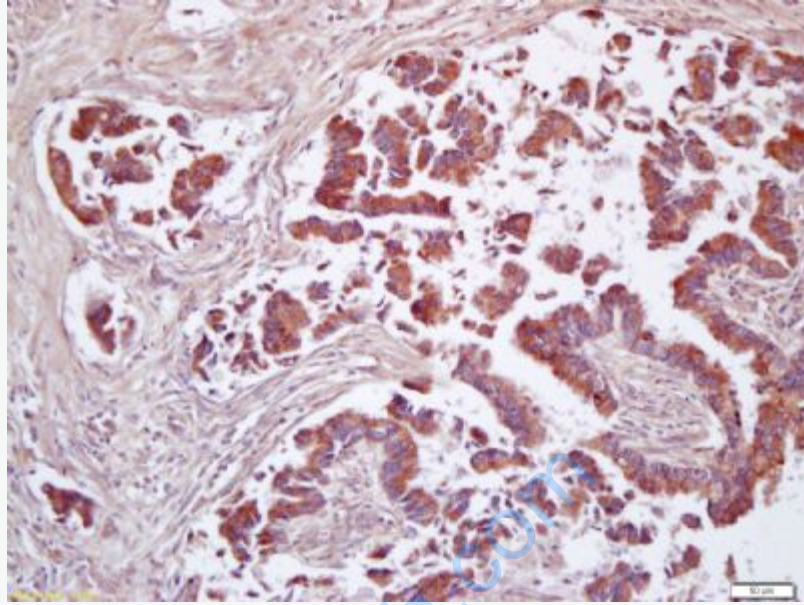


Tissue/cell: human rectal carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded;

Antigen retrieval: citrate buffer ( 0.01M, 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 ( 0.01M, 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