



Rabbit Anti-CD200R antibody

SL10521R

Product Name:	CD200R
Chinese Name:	CD200受体抗体
Alias:	CD 200R; CD200 cell surface glycoprotein receptor; CD200 receptor 1; Cd200r1; Cell surface glycoprotein CD200 receptor 1; Cell surface glycoprotein OX2 receptor 1; Cell surface glycoprotein OX2 receptor; cell surface glycoprotein receptor CD200; CRTR 2; CRTR2; HCRTR2; MO2R1 HUMAN; MOX2 receptor; MOX2R; OX2R.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	33kDa
Cellular localization:	The cell membraneSecretory protein
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human CD200R:201-300/325<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	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.
PubMed:	PubMed
Product Detail:	This gene encodes a receptor for the OX-2 membrane glycoprotein. Both the receptor and substrate are cell surface glycoproteins containing two immunoglobulin-like domains. This receptor is restricted to the surfaces of myeloid lineage cells and the

receptor-substrate interaction may function as a myeloid downregulatory signal. Mouse studies of a related gene suggest that this interaction may control myeloid function in a tissue-specific manner. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2008]

Function:

Receptor for the CD200/OX2 cell surface glycoprotein. Also binds to HHV-8 K14 viral CD200 homolog with identical affinity and kinetics as the host CD200.

Subcellular Location:

Secreted and Cell membrane.

Tissue Specificity:

Expressed in granulocytes, monocytes, most T cells, neutrophils, basophils and a subset of NK, NKT and B cells (at protein level). Expressed in bone marrow, lymph nodes, spleen, lung, liver, spinal cord, kidney. Expressed in monocyte-derived dendritic and mast cells.

Post-translational modifications:

The mature form of isoform 2 and/or isoform 4 starts at sequence position 27 of the corresponding isoform.

Similarity:

Belongs to the CD200R family.

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

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

SWISS:

Q8TD46

Gene ID:

131450

Database links:

[Entrez Gene: 131450](#) Human

[Omir: 607546](#) Human

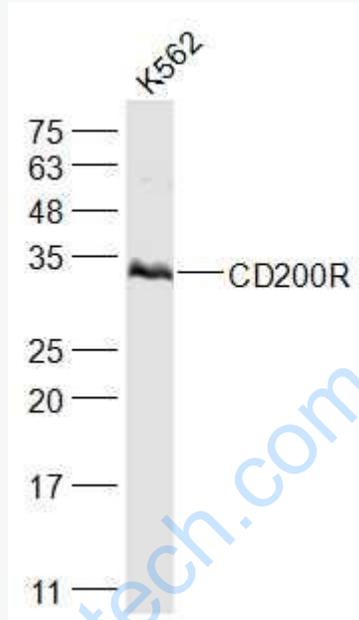
[SwissProt: Q8TD46](#) Human

[Unigene: 309158](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.



Sample:

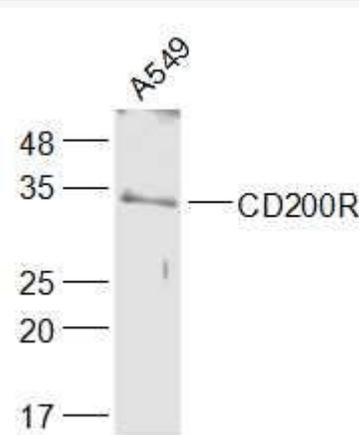
K562(Human) Cell Lysate at 30 ug

Primary: Anti-CD200R (SL10521R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 33 kD

Observed band size: 33 kD



Picture:

Sample:

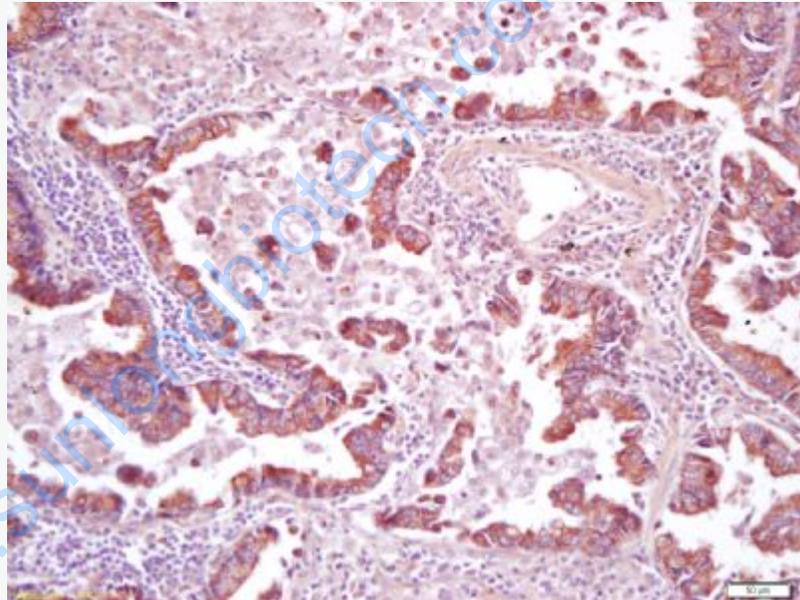
A549(Human) Cell Lysate at 30 ug

Primary: Anti-CD200R (SL10521R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 33 kD

Observed band size: 33 kD



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-CD200R Polyclonal Antibody, Unconjugated(SL10521R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and

	DAB(C-0010) staining
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