

Anti-CD200R Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Human
Molecular Weight:	Theoretical: 33 kDa. Actual: 33 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01 M, pH 6.0), Boiling bathing for 15 min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Incubation: Anti-CD200R Polyclonal Antibody, Unconjugated (TMAB-03910) 1: 200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining
	2. Sample: A549 (Human) Cell Lysate at 30 µg Primary: Anti-CD200R (TMAB-03910) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 33 kD Observed band size: 33 kD
	3. Sample: K562 (Human) Cell Lysate at 30 µg Primary: Anti-CD200R (TMAB-03910) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 33 kD Observed band size: 33 kD
	4. Measured by its binding ability in a indirect ELISA. Immobilized Mycobacterium bovis protein at 2 µg/mL (100 µL/well) can bind Rabbit Anti-CD200R Antibody, the EC50 is 158 ng/mL.
Application:	WB,IHC-P,IHC-Fr,IF,ELISA
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; IF: 1:100-500; ELISA: 1:5000-10000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human CD200R
Antigen Species: Human
Gene ID: 131450
Uniprot ID: Q8TD46

Research Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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