



Rabbit Anti-Cynomolgus CD200R1 Polyclonal Antibody (CABT-NS1709)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Cynomolgus CD200R
Target	CD200R1
Immunogen	Recombinant Cynomolgus CD200R protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Cynomolgus
Conjugate	Unconjugated
Applications	<p>WB, ELISA</p> <p>Recommended dilution:</p> <p>WB: 10-20 µg/mL</p> <p>ELISA: 0.5-1 µg/mL.</p> <p>This antibody can be used at 0.5-1 µg/mL with the appropriate secondary reagents to detect Cynomolgus CD200R.</p> <p>The detection limit for Cynomolgus CD200R is 0.00245 ng/well.</p> <p>Each laboratory should determine an optimum working titer for use in its particular application.</p> <p>Other applications have not been tested but use in such assays should not necessarily be excluded.</p>
Format	Liquid, Purified
Size	50 µl, 100 µl, 200 µl
Buffer	0.2 µm filtered solution in PBS with 5% trehalose

Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

BACKGROUND

Introduction	The cluster of differentiation (CD) system is commonly used as cell markers in immunophenotyping. Different kinds of cells in the immune system can be identified through the surface CD molecules which associating with the immune function of the cell. There are more than 320 CD unique clusters and subclusters have been identified. Some of the CD molecules serve as receptors or ligands important to the cell through initiating a signal cascade which then alter the behavior of the cell. Some CD proteins do not take part in cell signal process but have other functions such as cell adhesion. Cell surface glycoprotein CD200 receptor 1 (CD200R1) is an isoform of CD200 receptors which is expressed on cells of the myeloid lineage. CD200R1 is a receptor for the OX-2 membrane glycoprotein. The receptor-substrate interaction may serve as a myeloid downregulatory signal.
Keywords	CD200R1; CD200 receptor 1; OX2R; MOX2R; CD200R; HCRTR2; cell surface glycoprotein CD200 receptor 1; MOX2 receptor; CD200 cell surface glycoprotein receptor; cell surface glycoprotein OX2 receptor 1; cell surface glycoprotein receptor CD200;