



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

MOUSE ANTI HUMAN CD200

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-00463

Species
Human

Isotype
Mouse IgG1

Preparation

Purification: Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

Specificity

DS-MB-00463 recognizes the human CD200 cell surface antigen, also known as OX2. CD200 is expressed by a subset of B lymphocytes, some endothelial cells and by neurons. Recent studies have suggested that the CD200-CD200 ligand system is of importance in the control of macrophage and granulocyte activation.

Formulation

Product Form: Purified IgG – liquid

Buffer Solution: Phosphate buffered saline

Preservative & Stabilizers: 0.09% Sodium Azide

Approx. Protein Concentrations: IgG concentration 1.0 mg/ml

Storage

18 months shelf life. Store at +4°C or at -20°C if preferred.

This product should be stored undiluted. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

Please avoid freeze-thaw cycles.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA			•	
Western Blotting			•	
Immunohistology - frozen	•			
Immunohistology - paraffin			•	
Immunohistology - resin			•	
Immunoprecipitation			•	
Flow Cytometry	•			Use 10ul of the suggested working dilution to label 10^6 cells in 100ul. Method sheets are available on request.
Immunofluorescence staining			•	
Neutralization			•	

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5000-1:10000

Reference

1. Wright, G.J. et al. (2001) The unusual distribution of the neuronal/lymphoid cell surface OX2 (CD200) glycoprotein is conserved in humans. Immunology. 102: 173 - 179.

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