



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti-HUMAN CD163

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-00403

Target Species
Human

Isotype
IgG1

Synonyms

M130

Preparation

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

Immunogen: Leukocytes harvested from pleural cavity of patients with idiopathic spontaneous pneumothorax

Specificity

DS-MB-00403 recognizes the human CD163 cell surface antigen, a 130-140kD glycoprotein expressed by tissue macrophages. CD163 is not expressed by resting peripheral blood leucocytes, but expression may be induced on monocytes by culture in dexamethasone.

DS-MB-00403 is reported to inhibit the binding of haptoglobin.haemoglobin to CD163. Removal of sodium azide is recommended prior to use in functional studies.

Species Cross Reactivity: Reacts with: Rhesus Monkey

* Antibody reactivity and working conditions may vary between species.

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG – liquid

Buffer Solution: Phosphate buffered saline pH7.4

Preservative Stabilizers: 0.09% Sodium Azide

Approx. Protein Concentrations: IgG concentration 0.5 mg/ml

Storage

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 18 months from date of dispatch.

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



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Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Flow Cytometry(1)	•			
Immunohistology - Frozen	•			
Immunohistology - Paraffin	•			
Immunohistology - Resin			•	
Elisa	•			
Western Blotting			•	

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.
(1). Use 10ul of the suggested working dilution to label 10^6 cells in 100ul. Method sheets are available on request.

Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5,000-1:10,000

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