



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti Calgranulin A+B (MRP8+MRP14 or S100A8+S100A9)

Catalog No.
MD-14-0055

Species
Human

Isotype
IgG₁

Preparation

Host Animal: Mouse
Source: Cell culture
Immunogen: Human MRP8 and MRP14
Purification: Protein G chromatography

Specificity

Human: Subpopulation of human macrophages, monocytes and granulocytes; peripheral blood monocytes carry the antigen extra and intracellularly, neutrophils only intracellularly.
Animal: Subpopulation of macrophages of rhesus monkey.

Formulation

Format: Purified, Lyophilized
Reconstitute in 10ul double distilled water.
Concentration: 1mg/ml (prior to lyophilization)
Affinity Constant: Not determined.
Buffer: Lyophilized from PBS, pH 7.2 containing 10mg/ml BSA
Preservative: 0.01% Thimerosal

Storage

Store lyophilized product at 2-8°C. After reconstitution, store at -20°C. Avoid multiple 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			.	
IHC – paraffin (1)	.			
IHC – frozen (1)	.			
Flow Cytometry			.	
Immunofluorescence staining			.	

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.
(1) Suitable for use in Immunohistochemistry (cryo sections, paraffin sections) (1ug/ml), Fixation: acetone; formalin/paraffin (predigestion for 20-60 minutes with trypsin required)) and ELISA

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