



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Rat Anti Mouse Dendritic/Interdigitating Cells

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01158

Target
Mouse

Isotype
IgG2a

Preparation

Purification: Tissue Culture Supernatant containing 0.2M Tris/HCl pH7.4 and 5-10% fetal calf serum

Specificity

DS-MB-01158 is located in the cytoplasm as distinct spots near the nucleus.

The antigen is found in dendritic cells; MIDC-8 does not stain thymic epithelial cells which are the major contaminants in thymic dendritic cell preparations. The antigen is also absent in blood cells, bone marrow cells or macrophages isolated from the peritoneal cavity.

The antigen is found in interdigitating cells in T cell dependent areas of secondary lymphoid organs, the medulla of thymus, veiled cells, and very weakly in Langerhans cells.

Formulation

Product Type: Monoclonal Antibody

Product Form: Tissue Culture Supernatant - liquid

Buffer Solution: Phosphate buffered saline pH7.2

Preservative & Stabilizers: 0.09% Sodium Azide

Storage

Store at +4°C or at -20°C if preferred. This product should be stored undiluted.

Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

**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
Western Blotting			•	
ELISA			•	
Immunohistology - frozen	•			1:25
Immunohistology – paraffin			•	
Immunohistology - resin			•	
Immunoprecipitation			•	
Immunofluorescence staining			•	
Flow Cytometry		•		

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

References

1. Breel, M. *et al.* (1987) 'Dendritic cells of the mouse recognised by two monoclonal antibodies'. *Eur. J. Immunol.* 17: 1555-1559.

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