

## Datasheet: MCA948

<b>Description:</b>	RAT ANTI MOUSE DENDRITIC/INTERDIG. CELLS
<b>Specificity:</b>	DENDRITIC/INTERDIGITATING CELLS
<b>Format:</b>	S/N
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	MIDC-8
<b>Isotype:</b>	IgG2a
<b>Quantity:</b>	2 ml

## Product Details

**RRID** AB\_322021

**Applications** This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry		■		
Immunohistology - Frozen	■			1/25
Immunohistology - Paraffin			■	
ELISA			■	
Immunoprecipitation			■	
Western Blotting			■	

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate positive/negative controls.

**Target Species** Mouse

**Product Form** Tissue Culture Supernatant - liquid

**Preparation** Tissue Culture Supernatant containing 0.2M Tris/HCl pH7.4 and 5-10% foetal calf serum

**Preservative Stabilisers** 0.09% Sodium Azide

**Immunogen** Mouse lymph node stroma.

**Fusion Partners** Spleen cells from immunized rats were fused with Sp2/0 myeloma cells.

**Specificity** **Rat anti Mouse dendritic/interdigitating cells antibody, clone MIDC-8** recognizes an antigen in the cytoplasm of rat dendritic cells as distinct spots near the nucleus.

Rat anti Mouse dendritic/interdigitating cells antibody, clone 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 and macrophages isolated from the peritoneal cavity.

The antigen recognized by Rat anti Mouse dendritic/interdigitating cells antibody, clone MIDC-8 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 ([Breel et al. 1987](#)).

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## References

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## 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.

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<b>Guarantee</b>	18 months from date of despatch.
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10055 available at: 10055: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10055.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10055.pdf</a>
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<b>Regulatory</b>	For research purposes only
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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Rat IgG (STAR17...)	<a href="#">FITC</a>
Goat Anti Rat IgG (STAR69...)	<a href="#">FITC</a>
Goat Anti Rat IgG (STAR131...)	<a href="#">Alk. Phos., Biotin</a>
Goat Anti Rat IgG (STAR73...)	<a href="#">RPE</a>
Rabbit Anti Rat IgG (STAR21...)	<a href="#">HRP</a>
Goat Anti Rat IgG (STAR72...)	<a href="#">HRP</a>
Rabbit Anti Rat IgG (STAR16...)	<a href="#">DyLight®800</a>
Goat Anti Rat IgG (MOUSE ADSORBED) (STAR71...)	<a href="#">DyLight®800</a>

### Recommended Negative Controls

[RAT IgG2a NEGATIVE CONTROL \(MCA1212\)](#)

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