

Datasheet: MCA6359

**BATCH NUMBER 157622**

<b>Description:</b>	RABBIT ANTI CD1a
<b>Specificity:</b>	CD1a
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	RM393
<b>Isotype:</b>	IgG
<b>Quantity:</b>	0.1 ml

## Product Details

### 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
Immunohistology - Paraffin	▪			1/100 - 1/200

Where this product 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 product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A from animal origin-free culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative</b>	0.09% Sodium Azide
<b>Stabilisers</b>	1% Bovine Serum Albumin 50% Glycerol
<b>Immunogen</b>	A peptide corresponding to the N-terminus of human T-cell surface glycoprotein CD1a
<b>External Database Links</b>	<b>UniProt:</b>

**Entrez Gene:**

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**Specificity**      **Rabbit anti CD1a antibody** recognizes T-cell surface glycoprotein CD1a, also known as T-cell surface antigen T6/Leu-6.

CD1a belongs to the CD1 family of glycoproteins which present lipid antigens to T lymphocytes. On the cell surface, Cd1a can display a range of lipid antigens such as those derived from pollen and from bacteria. It can also present self lipid antigens enriched in the skin epidermis, such as fatty acid ([Kim et al. 2018](#)). CD1a is a well-known marker of Langerhans cells, a cell type that populates the epidermis during embryonic development and maintains themselves during adulthood independent of hematopoiesis ([Al-amodi et al. 2018](#)). Staining for CD1a is often used to identify an abnormal proliferation of Langerhans cells and contributes to the diagnosis of Langerhans cell histiocytosis (LCH) ([Pisapia et al. 2017](#)).

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**Storage**      Store at -20°C only.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee**      12 months from date of despatch

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**Health And Safety Information**      Material Safety Datasheet documentation #10048 available at:  
10048: <https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf>

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**Regulatory**      For research purposes only

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## Related Products

### Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...)      [FITC](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)
- Sheep Anti Rabbit IgG (STAR35...)      [RPE](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (STAR36...)      [DyLight®488](#), [DyLight®680](#), [DyLight®800](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)  
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