

Datasheet: MCA6359

BATCH NUMBER 157622

Description:	RABBIT ANTI CD1a
Specificity:	CD1a
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	RM393
Isotype:	IgG
Quantity:	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.

	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.

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

Entrez Gene:

[909](#) CD1A [Related reagents](#)

Specificity	<p>Rabbit anti CD1a antibody recognizes T-cell surface glycoprotein CD1a, also known as T-cell surface antigen T6/Leu-6.</p> <p>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).</p>
Storage	<p>Store at -20°C only.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10048 available at: https://www.bio-rad-antibodies.com/SDS/MCA6359 10048
Regulatory	For research purposes only

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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