

Datasheet: MCA6359

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: P06126 Related reagents

Entrez Gene:[909](#) [CD1A](#) [Related reagents](#)

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](#)).

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.

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](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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)

'M386988:210604'

Printed on 18 Jan 2024