Datasheet: MCA2812C

Description:	MOUSE ANTI HUMAN HLA DR:RPE-Cy5
Specificity:	HLA DR
Format:	RPE-CY5
Product Type:	Monoclonal Antibody
Clone:	L243
Isotype:	IgG2a
Quantity:	100 TESTS/0.5ml

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
Flow Cytometry	▪			Neat

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 negative/positive controls.

Target Species

Human

Species Cross Reactivity

Reacts with: Chimpanzee, Baboon, Cynomolgus monkey, Rhesus Monkey, Marmoset, African green monkey , Dog, Squirrel monkey, Pig-tailed macaque, Marmoset
N.B. Antibody reactivity and working conditions may vary between species.

Product Form

Purified IgG conjugated to RPE - Cy5 - liquid

Max Ex/Em

Fluorophore	Excitation Max (nm)	Emission Max (nm)
RPE-Cy5 488nm laser	496	667

Preparation

Purified IgG prepared by affinity chromatography

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide
0.2% Bovine Serum Albumin

External Database Links

UniProt:
Q29769 Related reagents

Specificity

Mouse anti Human HLA DR antibody, clone L243 recognizes the human HLA DR antigen, a member of the MHC class II family, which is expressed by B cells, activated T cells and

	monocytes. Mouse anti Human HLA DR antibody, clone L243 binds to a conformational epitope on HLA DRα and does not cross react with HLA DQ and HLA DP.
Flow Cytometry	Use 5ul of the suggested working dilution to label 10^6 cells or 100ul whole blood.
References	1. Wang, D. *et al.* (2002) The influence of HLA-DR4 (0401) on the immune response to type II collagen and the development of collagen induced arthritis in mice. J Autoimmun. 18 (2): 95-103.
Storage	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	6 months from date of despatch.
Acknowledgements	Cy® and CyDye® are registered trademarks of GE Healthcare
Health And Safety Information	Material Safety Datasheet documentation available at: Material Safety Datasheet documentation #10041 available at https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf
Regulatory	For research purposes only

Related Products

Recommended Useful Reagents

HUMAN SEROBLOCK (BUF070A)
HUMAN SEROBLOCK (BUF070B)

North & South America Tel: +1 800 265 7376 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

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