PerCP/Cyanine5.5 anti-human HLA-DR

Analyte Specific Reagent. Analytical and performance characteristics are not established.

Catalog # / Size:	980414 / 500 µL
Clone	L243
Other Names	Major Histocompatibility Class II, MHC class II, HLADR
Isotype	Mouse IgG2a, κ
Description	HLA-DR is a heterodimeric cell surface glycoprotein comprised of a 36 kD α (heavy) chain and a 27 kD β (light) chain. It is expressed on B cells, activated T cells, monocytes/macrophages, dendritic cells, and other non-professional APCs. In conjunction with the CD3/TCR complex and CD4 molecules, HLA-DR is critical for efficient peptide presentation to CD4 T cells.

Product Details

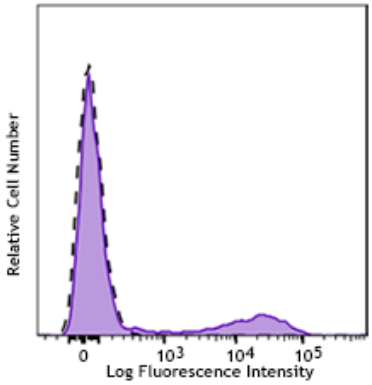
Reactivity	Human
Formulation	Phosphate-buffered solution, pH 7.2, containing True-Stain Monocyte Blocker™, 0.09% sodium azide, 0.2% (w/v) BSA (origin USA), and a stabilizer.
Preparation	The antibody was purified by affinity chromatography, and conjugated with PerCP/Cyanine5.5 under optimal conditions.
Concentration	200 µg/mL
Storage & Handling	The antibody solution should be stored undiluted between 2°C and 8°C and protected from prolonged exposure to light. **Do not freeze.**
Application	Suggested for Flow Cytometry
Disclaimer	WARNINGS AND PRECAUTIONS 1. Use appropriate personal protective equipment and safety practices per universal precautions when working with this reagent. Refer to the reagent safety data sheet. 2. This antibody contains sodium azide. Follow federal, state and local regulations to dispose of this reagent. Sodium azide build-up in metal wastepipes may lead to explosive conditions; if disposing of reagent down wastepipes, flush with water after disposal. 3. All specimens, samples and any material coming in contact with them should be considered potentially infectious and should be disposed of with proper precautions and in accordance with federal, state and local regulations. 4. Do not use this reagent beyond the expiration date stated on the label. 5. Do not use this reagent if it appears cloudy or if there is any change in the appearance of the reagent as these may be indication of possible deterioration. 6. Avoid prolonged exposure of the reagent or stained cells to light.

Antigen Details

Antigen References

1. Levacher M, et al. 1990. Clin. Exp. Immunol. 81:177.
2. Terstappen L, et al. 1990. J. Leukocyte Biol. 48:138.
3. Edwards JA, et al. 1986. J. Immunol. 137:490.
4. van Es A, et al. 1984. Transplantation 37:65.
5. O'Doherty U, et al. 1994. Immunology 82:487.
6. Thomas R, et al. 1994. J. Immunol. 153:4016.
7. Grouard G, et al. 1996. Nature 384:364.

Product Data



Typical results from human peripheral blood lymphocytes stained either with L243 PerCP/Cyanine5.5 used at 5 µL/test (filled histogram) or with an isotype control (open histogram).

Symbols Glossary*

Symbol	Meaning	Symbol Title	Symbol No.	Symbol	Meaning	Symbol Title	Symbol No.
REF	Catalog number	Catalogue number	5.1.6		Indicates the need for the user to consult the instructions for use.	Consult instructions for use	5.4.3
	Indicates the temperature limits to which the medical device can be safely exposed.	Temperature limit	5.3.7		Indicates a medical device that needs protection from light sources.	Keep away from sunlight	5.3.2
	Indicates the upper limit of temperature to which the medical device can be safely exposed.	Upper limit of temperature	5.3.6		Indicates the date after which the medical device is not to be used.	Use-by date	5.1.4
	Indicates the medical device manufacturer.	Manufacturer	5.1.1	EC REP	Indicates the authorized representative in the European Community.	Authorized representative in the European Community	5.1.2
LOT	Indicates the manufacturer's batch code so that the batch or lot can be identified.	Batch code	5.1.5	IVD	Indicates a medical device that is intended to be used as an in vitro diagnostic medical device.	*In vitro* diagnostic medical device	5.5.1

* Symbol information is from EN ISO 15223-1:2016 Medical devices – Symbols to be used with medical device labels, labelling and information to be supplied – Part 1: General requirements

BioLegend Inc., 8999 Biolegend Way, San Diego, CA 92121 www.biolegend.com
Toll-Free Phone: 1-877-Bio-Legend (246-5343) Phone: (858) 768-5800 Fax: (877) 455-9587