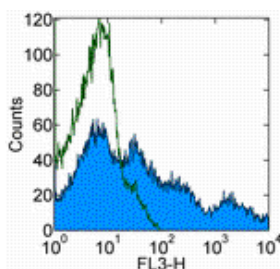


Anti-Human HLA-DR PerCP-Cyanine5.5

Catalog Number: 45-9956

Also Known As:

RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of normal human peripheral blood cells with Mouse IgG2b K Isotype Control PerCP-Cyanine5.5 (cat. 45-4732) (open histogram) or Anti-Human HLA-DR PerCP-Cyanine5.5 (filled histogram). Cells in the lymphocyte gate were used for analysis.

Product Information

Contents: Anti-Human HLA-DR PerCP-Cyanine5.5

REF **Catalog Number:** 45-9956

Clone: LN3

Concentration: 5 µL (0.015 µg)/test

Host/Isotype: Mouse IgG2b, kappa

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer



Temperature Limitation: Store at 2-8°C. Do not freeze. Light sensitive material.



Batch Code: Refer to Vial



Use By: Refer to Vial



Caution, contains Azide

Description

The LN3 mAb reacts with the human major histocompatibility complex (MHC) class II, HLA-DR. HLA-DR is expressed on the surface of human antigen presenting cells (APC) including B cells, monocytes, macrophages, DCs, and activated T cells. HLA-DR is a heterodimeric transmembrane protein composed of α and β subunits and plays an important role in the presentation of peptides to CD4⁺ T lymphocytes.

Applications Reported

This LN3 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This LN3 antibody is offered in 2 formats:

- µg size: has been tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at less than or equal to 0.015 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

- test size: has been pre-titrated and tested by flow cytometric analysis of normal human peripheral blood cells. This can be used at 5 µL (0.015 µg) per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10⁵ to 10⁸ cells/test.

References

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Ioachim, H. L., S. E. Pambuccian, et al. 1996. Lymphoid monoclonal antibodies reactive with lung tumors. Diagnostic applications. *Am J Surg Pathol.* 20(1): 64-71.

Davey, F. R., S. Olson, et al. 1988. The immunophenotyping of extramedullary myeloid cell tumors in paraffin-embedded tissue sections. *Am J Surg Pathol.* 12(9): 699-707.

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Related Products

45-4732 Mouse IgG2b K Isotype Control PerCP-Cyanine5.5

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