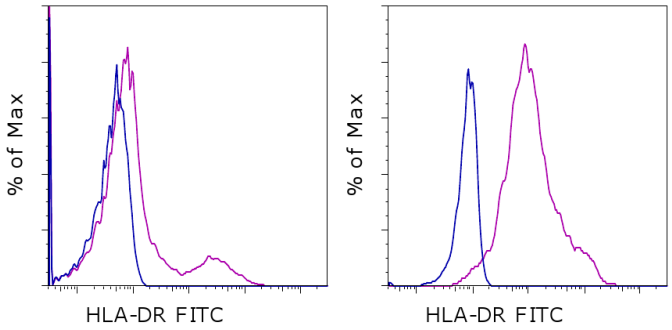
Anti-Human HLA-DR FITC

Catalog Number: 11-9956
RUO: For Research Use Only. Not for use in diagnostic procedures.



Staining of normal human peripheral blood cells with Mouse IgG2b K Isotype Control FITC (cat. 11-4732) (blue histogram) or Anti-Human HLA-DR FITC (purple histogram). Cells in the lymphocyte (left) or monocyte (right) gate were used for analysis.

Product Information

Contents: Anti-Human HLA-DR FITC
REF **Catalog Number:** 11-9956
Clone: LN3
Concentration: Suffix -73, 20 uL (0.125 ug)/test; Suffix -42, 5 uL (0.125 ug)/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.
LOT **Batch Code:** Refer to vial
Use By: Refer to vial

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 has been pre-titrated and tested by flow cytometric analysis of human peripheral blood leukocytes. Refer to catalog number suffix on the vial for amount to use per test: 73 is 20 µL (0.125 µg) per test; whereas 42 is 5 µL (0.125 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 10^5 to 10^8 cells/test.

References

Fullen, D. R. and J. T. Headington. 1998. Factor XIIIa-positive dermal dendritic cells and HLA-DR expression in radial versus vertical growth-phase melanomas. J Cutan Pathol. 25(10): 553-8.

Hua, Z. X., K. E. Tanaka, et al. 1998. Immunoreactivity for LN2 and LN3 distinguishes small cell carcinomas from non-small cell carcinomas in the lung. Hum Pathol. 29(12): 1441-6.

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.

Norton, A. J. and P. G. Isaacson. 1987. Detailed phenotypic analysis of B-cell lymphoma using a panel of antibodies

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reactive in routinely fixed wax-embedded tissue. Am J Pathol. 128(2): 225-40.

Related Products
11-4732 Mouse IgG2b K Isotype Control FITC

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