

HLA-DR Monoclonal Antibody (LN3), Alexa Fluor™ 660, eBioscience™

| Product Details | |
|-----------------------------|--|
| Size | 100 Tests |
| Species Reactivity | Human |
| Host/Isotype | Mouse / IgG2b, kappa |
| Recommended Isotype Control | Mouse IgG2b kappa Isotype Control (eBMG2b), Alexa Fluor™ 660, eBioscience™ |
| Class | Monoclonal |
| Type | Antibody |
| Clone | LN3 |
| Conjugate | Alexa Fluor™ 660 |
| Excitation/Emission Max | 663/691 nm |
| Form | Liquid |
| Concentration | 5 µL/Test |
| Purification | Affinity chromatography |
| Storage buffer | PBS, pH 7.2, with 0.2% BSA |
| Contains | 0.09% sodium azide |
| Storage conditions | 4° C, store in dark, DO NOT FREEZE! |
| RRID | AB_2896310 |

| Applications | Tested Dilution | Publications |
|-----------------------|----------------------|--------------|
| Flow Cytometry (Flow) | 5 µL (0.125 µg)/test | - |

Product Specific Information

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 alpha and beta subunits and plays an important role in the presentation of peptides to CD4+ T lymphocytes.

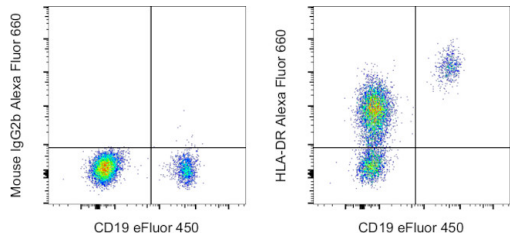
Applications Reported: This LN3 antibody has been reported for use in flow cytometric analysis.

Applications Tested: This LN3 antibody has been pre-diluted and tested by flow cytometric analysis of normal human peripheral blood cells. This may be used at 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 10⁵ to 10⁸ cells/test.

Alexa Fluor 660 emits at 690 nm and is intended for use on spectral cytometers where it may be multiplexed with APC, Alexa Fluor 647 and Alexa Fluor 700.

Excitation: 662 nm; Emission: 690 nm; Laser: Red Laser

Product Images For HLA-DR Monoclonal Antibody (LN3), Alexa Fluor™ 660, eBioscience™



HLA-DR Antibody (606-9956-42) in Flow

Normal human peripheral blood cells were stained with CD19 Monoclonal Antibody, eFluor 450 (Product # 48-0199-42) and Mouse IgG2b kappa Isotype Control, Alexa Fluor 660 (Product # 606-4732-81) (left) or HLA-DR Monoclonal Antibody, Alexa Fluor 660 (right). Viable cells in the lymphocyte gate were used for analysis, as determined by 7-AAD (Product # 00-6993-50). This data was collected on a 5-laser Cytex Aurora full spectral cytometer.

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