

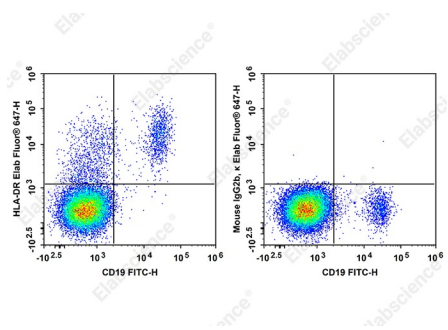


Product name:	Bright 647 Anti-Human HLA-DR Antibody[Tü36]
Cat number:	MAB00994
Conjugate:	Bright 647
Conjugation Information:	647 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 670 nm (e.g., a 660/20 nm bandpass filter).
Size:	100 tests
Clone:	Tü36
Host:	Mouse
Isotype:	Mouse IgG2b, κ
Reactivity:	Human
Applications:	FCM Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 μ L of antibody per test (million cells in 100 μ L staining volume or per 100 μ L of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
Form: Buffer:	Liquid
Storage:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer. Keep as concentrated solution. This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Synonyms:	MHC class II;Major Histocompatibility complex II;human leukocyte antigen;HLA
Source:	Mouse
Background:	HLA-DR is a heterodimeric cell surface glycoprotein comprised of an α (heavy) chain and a β (light) chain. They are 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. Variations in the HLA gene expression are crucial to graft survival.

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Staining of normal human peripheral blood cells with FITC Anti-Human CD19 Antibody and 647 Anti-Human HLA-DR Antibody[Tü36] (left) or 647 Mouse IgG2b, κ Isotype Control (right). Cells in the lymphocytes gate were used for analysis.

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