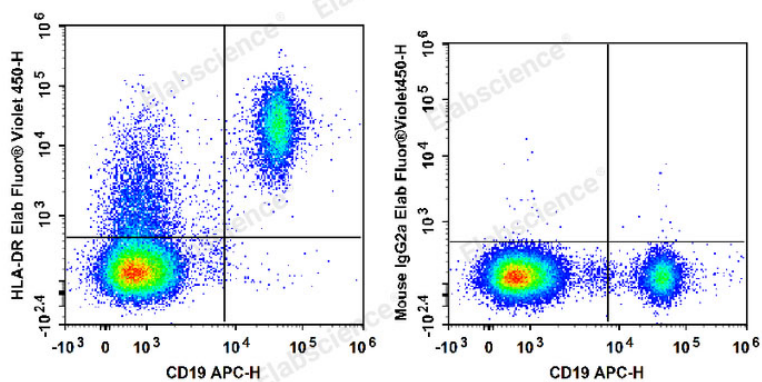


Product name:	BrightViolet 450 Anti-Human HLA-DR Antibody[L243]
Cat number:	MAB1111Q
Conjugate:	BrightViolet 450
Size:	100Tests
Clone:	Monoclonal
Concentration:	5 µL/Test
Host:	Mouse
Isotype:	Mouse IgG2a, κ
Reactivity:	Human
Applications:	Each lot of this antibody is quality control tested by flow cytometric analysis. The amount of the reagent is suggested to be used 5 µL of antibody per test (million cells in 100 µL staining volume or per 100 µL of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
Form:	Liquid
Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
Storage:	This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
Background:	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.



Human peripheral blood lymphocytes are stained with APC Anti-Human CD19 Antibody and BrightViolet 450 Anti-Human HLA-DR Antibody (Left). Lymphocytes are stained with APC Anti-Human CD19 Antibody and BrightViolet 450 Mouse IgG2a, κ Isotype Control (Right).