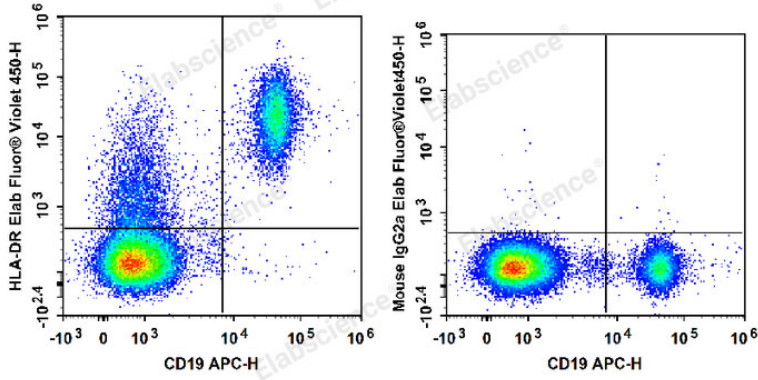


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<b>Product name:</b>	BrightViolet 450 Anti-Human HLA-DR Antibody[L243]
<b>Cat number:</b>	MAB1111Q
<b>Conjugate:</b>	BrightViolet 450
<b>Size:</b>	100Tests
<b>Clone:</b>	Monoclonal
<b>Concentration:</b>	5 $\mu$ L/Test
<b>Host:</b>	Mouse
<b>Isotype:</b>	Mouse IgG2a, $\kappa$
<b>Reactivity:</b>	Human
<b>Applications:</b>	Each lot of this antibody is quality control tested by flow cytometric analysis. <b>The amount of the reagent is suggested to be used 5 <math>\mu</math>L of antibody per test (million cells in 100 <math>\mu</math>L staining volume or per 100 <math>\mu</math>L of whole blood).</b> Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.
<b>Form:</b>	Liquid
<b>Buffer:</b>	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
<b>Storage:</b>	This product can be stored at 2-8°C for 24 months. Please protected from prolonged exposure to light and do not freeze.
<b>Background:</b>	HLA-DR is a heterodimeric cell surface glycoprotein comprised of a 36 kD $\alpha$ (heavy) chain and a 27 kD $\beta$ (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,  $\kappa$  Isotype Control (Right).