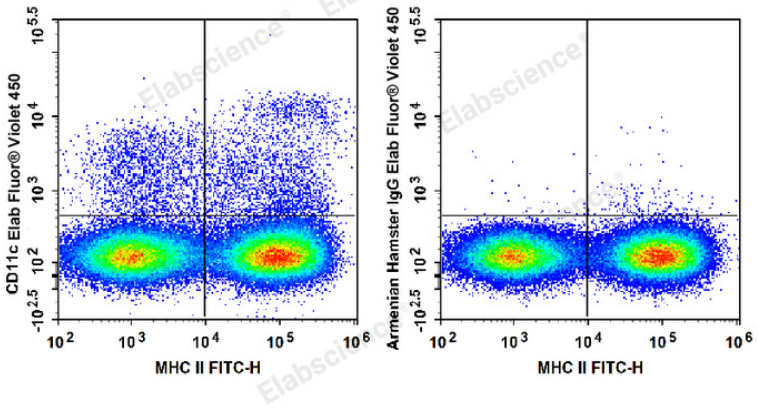
Product name:	Bright Violet 450 Anti-Mouse CD11c Antibody[N418]
Cat number:	MAB0991UQ
Conjugate:	BrightViolet 450
Size:	100µg
Clone:	Monoclonal
Concentration:	0.5 mg/mL
Host:	Armenian Hamster
Isotype:	Armenian Hamster IgG
Reactivity:	Mouse
Applications:	Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10⁶ cells in 100 µL volume].
Form:	Liquid
Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer.
Storage:	This product can be stored at 2-8°C for 12 months. Please protected from prolonged exposure to light and do not freeze.
Background:	CD11c is a 150 kD glycoprotein also known as αX integrin, CR4, and p150. CD11c forms a αXβ2 heterodimer with β2 integrin (CD18). It is primarily expressed on dendritic cells, NK cells, a subset of intestinal intraepithelial lymphocytes (IEL), and some activated T cells. The αXβ2 integrin plays an important role in cell-cell contact by binding its ligands: iC3b, fibrinogen and CD54.



C57BL/6 murine splenocytes are stained with FITC Anti-Mouse MHC II Antibody and brightViolet 450 Anti-Mouse CD11c Antibody (Left). Splenocytes are stained with FITC Anti-Mouse MHC II Antibody and Bright Violet 450 Armenian Hamster IgG Isotype Control (Right).