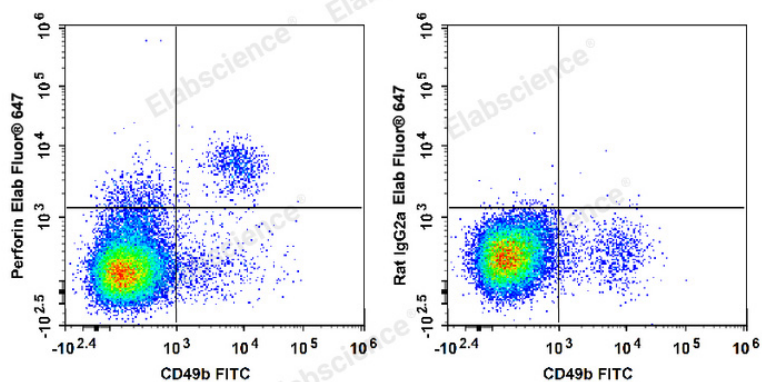

Product name:	Fluor® 647 Anti-Mouse Perforin Antibody[S16009A]
Cat number:	MAB1294UM
Conjugate:	Fluor [®] 647 is designed to be excited by the Red laser (627-640 nm) and detected using an optical filter centered near 670 nm (e.g., a 660/20 nm bandpass filter).
Size:	100µg
Clone:	S16009A
Concentration:	0.5 mg/ml
Host:	Rat
Isotype:	Rat IgG2a, κ
Reactivity:	Mouse
Applications:	ICFCM - 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/10 ⁶ cells in 100 µL volume].
Form:	Liquid
Buffer:	Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.
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:	Perforin is a 70 kD cytolytic protein that is expressed in the cytoplasmic granules of cytotoxic T lymphocytes (CTLs) and natural killer (NK) cells. Perforin is one of the major effector molecules used by cytotoxic T cells and NK cells to mediate targeted cell lysis.



C57BL/6 murine splenocytes are stained with FITC Anti-Mouse CD49b Antibody and Fluor® 647 Anti-Mouse Perforin Antibody (Left). Splenocytes are stained with FITC Anti-Mouse CD49b Antibody and Fluor® 647 Rat IgG2a, κ Isotype Control (Right).