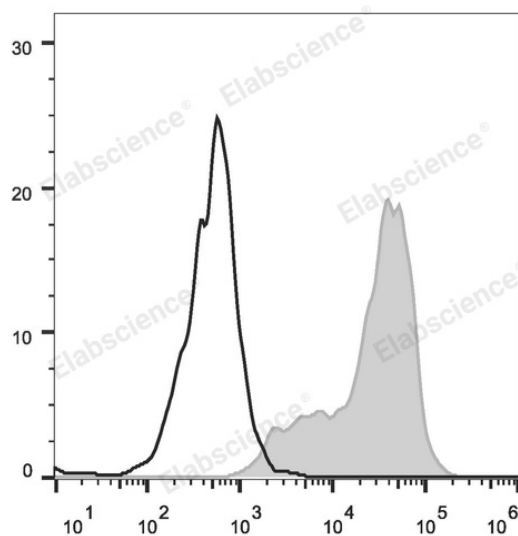


Product name:	FITC Anti-Mouse CD69 Antibody[H1.2F3]
Cat number:	MAB1187UC
Conjugate:	FITC
Size:	100µg
Clone:	Monoclonal
Concentration:	0.5 mg/mL
Host:	Armenian Hamster
Isotype:	Armenian Hamster IgG
Reactivity:	Mouse
Applications:	Each lot of this antibody is quality control tested by flow cytometric 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/10 ⁶ 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:	CD69 is a 60 kD type II membrane protein composed of a 27/33 kD disulfide-linked homodimer, also known as Very Early Activation Antigen (VEA), AIM, EA1, MLR3, and gp34/28. It is expressed on a subset of thymocytes and platelets. CD69 is rapidly induced on activated T and B cells, neutrophils, and NK cells. It is a C-type lectin, closely related to the NKR-P1 and Ly-49 NK cell activation molecules. CD69 is involved in the early events of cell activation and thymocyte positive selection.



Cell Stimulation Cocktail-stimulated C57BL/6 mouse splenocytes (5 h) are stained with FITC Anti-Mouse CD69 Antibody (filled gray histogram). Unstained stimulated splenocytes (empty black histogram) are used as control.