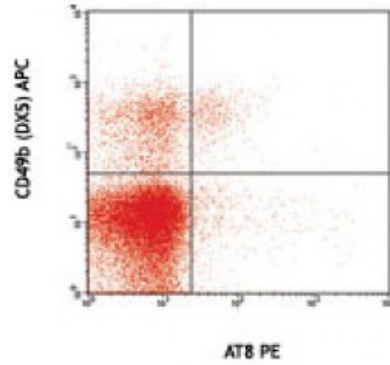


Purified anti-mouse Ly49G

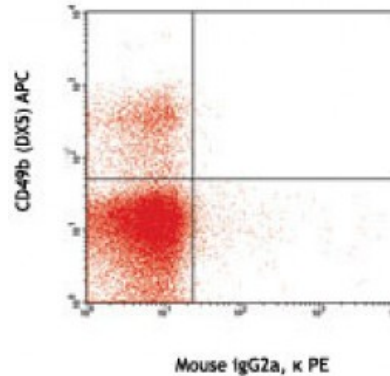
Catalog # / Size: 1287010 / 500 µg
Clone: AT8
Isotype: Mouse IgG2a, κ
Immunogen: IL-2-activated 129/J NK cells
Reactivity: Mouse
Preparation: The antibody was purified by affinity chromatography.
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration: 0.5



Balb/c mouse splenocytes stained with CD49b (DX5) APC and AT8 PE (top) or mouse IgG2a, κ PE isotype control (bottom).

Applications:

Applications: Flow Cytometry
Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 1.0 microg per 10⁶ cells in 100 microL volume. It is recommended that the reagent be titrated for optimal performance for each application.



Application References: 1. Makrigiannis AP, *et al.* 2004. *J. Immunol.* 172:1414.

Description: Ly49G is a type II transmembrane protein belonging to the family of Ly49 proteins, each having specificity for a small repertoire of MHC I alleles that are generally recognized in a peptide-independent manner. The Ly49 family of MHC class I receptors shows a high degree of variability between mouse strains. It is expressed on a subset of NK cells and some NKT cell lines. The AT8 antibody reacts with the Ly49G receptor from BALB/c, 129/J, 129Sv/J, SJL, FVB/N, A/J, C3H/HeJ, C3H/HeNCr, CBA/J, and CBA/NCr mice.