

APC Anti-Mouse Ly-6G Antibody

Catalog Number:	200713, 200714
Size:	25 tests, 100 tests
Target Name:	Ly-6G, Lymphocyte antigen 6 complex, locus G
Regulatory Status:	RUO

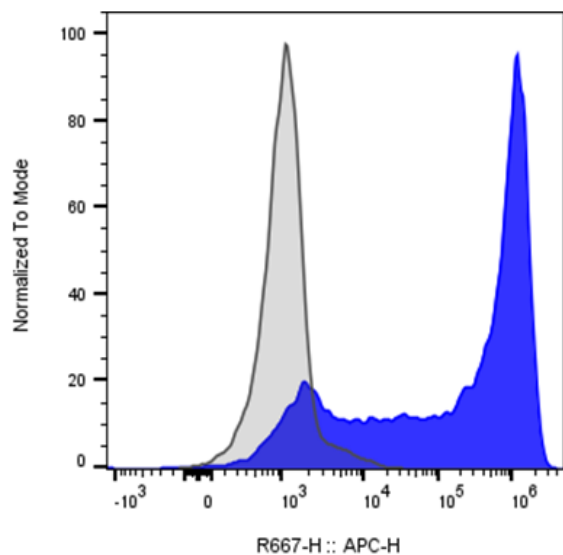
PRODUCT DETAILS

Clone:	1A8
Application:	Flow Cytometry
Reactivity:	Mouse
Format:	APC
Isotype:	Rat IgG2a
Antibody Type:	Monoclonal
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and 0.2% (w/v) BSA
Protein Concentration:	Supplied at a lot-specific concentration.
Storage&Handling:	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Recommended Usage:	For flow cytometric staining, it is recommended to use 5 µL of this reagent per 0.5-1.0 million cells in a 100 µL volume. Optimal reagent performance should be determined by titration for each specific application. APC has an excitation max at 650 nm and an emission max at 660 nm.
Excitation Laser:	Red Laser (633 nm)
Isotype Control:	300106
RRID:	AB_3739004

BACKGROUND INFORMATION

Lymphocyte antigen 6 complex, locus G (Ly-6G) is a 21–25 kDa glycosylphosphatidylinositol (GPI)-anchored surface protein. In mice, Ly-6G is expressed predominantly on granulocytes, especially mature neutrophils, and is widely used as a specific marker for murine neutrophils. Ly-6G is involved in neutrophil recruitment, migration, and tissue infiltration and associates with $\beta 2$ integrins, including CD11a and CD11b, to regulate their expression and function. The natural ligand for Ly-6G remains unknown.

PRODUCT DATA



Mouse bone marrow cells were stained with either APC Anti-Mouse Ly-6G clone 1A8 (color-filled histogram) or an isotype control (gray histogram).

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