

FITC Anti-Mouse Ly-6G Antibody

Catalog Number:	200711, 200712
Size:	25 tests, 100 tests
Target Name:	Ly-6G, Lymphocyte antigen 6 complex, locus G
Regulatory Status:	RUO

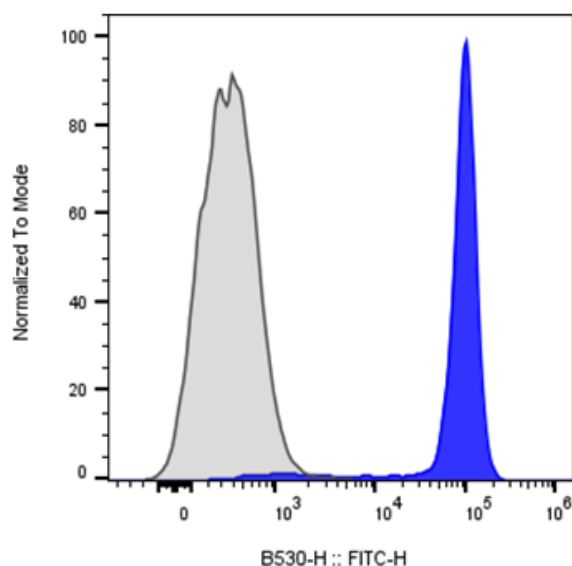
PRODUCT DETAILS

Clone:	1A8
Application:	Flow Cytometry
Reactivity:	Mouse
Format:	FITC
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. FITC has an excitation max at 493 nm and an emission max at 525 nm.
Excitation Laser:	Blue Laser (488 nm)
Isotype Control:	300204
RRID:	AB_3739003

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 stained with either FITC Anti-Mouse Ly-6G clone 1A8 (blue histogram) or an isotype control (gray histogram).

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