

PE/Cyanine7 Anti-Mouse Ly-6G Antibody

Catalog Number:	200715, 200716
Size:	25 tests, 100 tests
Target Name:	Ly-6G, Lymphocyte antigen 6 complex, locus G
Regulatory Status:	RUO

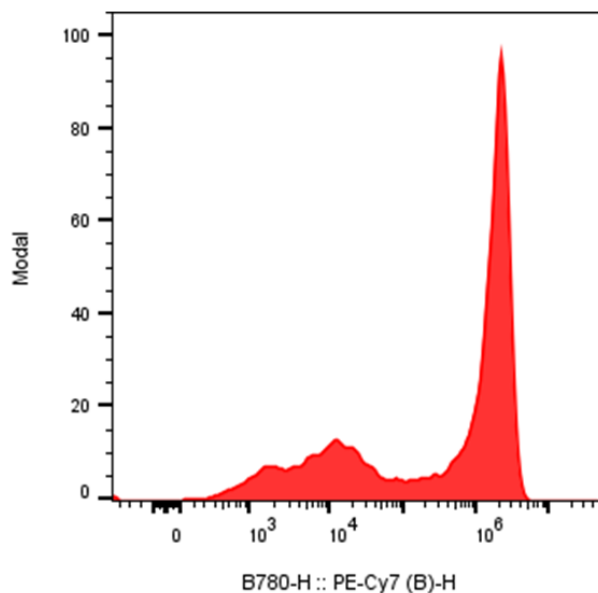
PRODUCT DETAILS

Clone:	1A8
Application:	Flow Cytometry
Reactivity:	Mouse
Format:	PE/Cyanine7
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. PE/Cyanine7 has an excitation max at 565 nm and an emission max at 774 nm.
Excitation Laser:	Blue Laser (488 nm) Green/Yellow laser (532/561nm)
Isotype Control:	303507

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 PE/Cyanine7
Anti-Mouse Ly-6G Antibody clone 1A8

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