

Mouse Gr-1/Ly-6G PerCP-conjugated Antibody

Monoclonal Rat IgG_{2B} Clone # RB6-8C5

Catalog Number: FAB1037C

100 TESTS

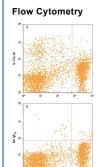
DESCRIPTION			
Species Reactivity	Mouse		
Specificity	Detects Gr-1/Ly-6G. Weak cross-reactivity with Ly-6C is observed.		
Source	Monoclonal Rat IgG _{2B} Clone # RB6-8C5		
Purification	Protein A or G purified from hybridoma culture supernatant		
Conjugate	PerCP (Peridinin-chlorophyll Protein Complex) Excitation Wavelength: 482 and 564 nm Emission Wavelength: 675 nm		
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.		
	*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.		

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Flow Cytometry	10 μL/10 ⁶ cells	See Below

DATA



Detection of Gr-1/Ly-6G in Mouse Splenocytes by Flow Cytometry. Mouse splenocytes were stained with Rat Anti-Mouse B220/CD45R PE-conjugated Monoclonal Antibody (Catalog # FAB1217P) and either (A) Rat Anti-Mouse Gr-1/Ly-6G PerCP-conjugated Monoclonal Antibody (Catalog # FAB1037C) or (B) Rat IgG_{2B} PerCP Isotype Control (Catalog # IC013C). View our protocol for Staining Membrane-associated Proteins.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze.

12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

The myeloid differentiation antigen Gr-1 is a member of the Ly-6 family, Ly-6G (1). The RB6-8C5 antibody also reacts weakly with Ly-6C-transfected EL4 cells (2). In the periphery, this antibody specifically recognized granulocytes (3, 4).

References

- 1. Spangrude, G.J. et al. (1988) Science 241:58.
- 2. Fleming, T.J. et al. (1993) J. Immunol. 151:2399.
- 3. Lewinsohn, D.M. et al.(1987) J. Immunol. 147:22.
- 4. Lagasse, E. and I.L. Weissman (1996) J. Immunol. Methods 197:139.

