TECHNICAL DATA SHEET

CyFlow™ Ly6G Low Endotoxin
Anti-Ms; Clone RB6-8C5

REF **BL208768**

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Specifications

Antigen	Ly6G
Alternative Names	—
Clone	RB6-8C5
Clonality	monoclonal
Format	Low Endotoxin
Host / Isotype	Rat / IgG2b
Species Reactivity	Mouse
Negative Species Reactivity	—
Quantity [Concentration]	0.1 mg [1 mg/ml]
Immunogen	Murine granulocytes

Specificity

The rat monoclonal antibody RB6-8C5 recognizes Ly6G component of Gr-1 antigen, a commonly used surface marker of neutrophils.

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Application

Based on published sources, this antibody is suitable for the following applications:

- Flow cytometry
- Immunoprecipitation
- Western blot
- Immunohistochemistry
- Functional assays

Storage Buffer

The reagent is provided in azide-free phosphate buffered saline (PBS) solution, pH ≈7.4; 0.2 µm filter sterilized. Endotoxin level is less than 0.01 EU/µg of the protein, as determined by the LAL test.

Storage and Stability

Storage	Avoid prolonged exposure to light. Store in the dark at 2-8°C. Do not freeze.
Stability	Do not use after expiration date stamped on vial label.

Background Information

Ly6G is a component of the myeloid differentiation antigen Gr-1, together with Ly6C. Ly6G is a good marker for detection of peripheral neutrophils. Expression of Gr-1 in bone marrow correlates with granulocyte differentiation and maturation. Physiological role of Ly6G remains still unclear. Its treatment with antibodies in vivo leads to neutropenia and has inhibitory effect on local immune responses.

References

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The Safety Data Sheet for this product is available at www.sysmex-partec.com/services.

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