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30-2730: Anti-Ms Ly6G (clone: RB6-8C5) Purified Low Endotoxin

Clonality :	Monoclonal
Clone Name :	RB6-8C5
Application :	Functional Assay,IP,ICC,IHC,FACS,WB
Reactivity :	Mouse
Gene :	Ly6G
Gene ID :	546644
Uniprot ID :	A0A087WQF5
Alternative Name :	lymphocyte antigen 6 complex, locus G Gr1, Gr-1, Ly-6G
Immunogen Information :	Murine granulocytes

Description

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

Product Info

Amount :	0.1 mg
Purification :	Purified by protein-A affinity chromatography.
Content :	Concentration: 1 mg/ml Storage Buffer: Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Functional application: Neutrophil depletion.
Immunoprecipitation: Recommended dilution: 1-2 Âµg / 100-500 Âµg of protein.
Western blotting: Recommended dilution: 1 Âµg/ml.
Flow cytometry: Recommended dilution: 1-4 Âµg/ml

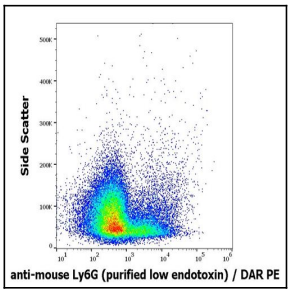


Figure 1: Flow cytometry surface staining pattern of murine splenocyte suspension stained using anti-mouse Ly6G (RB6-8C5) purified antibody DAR PE.

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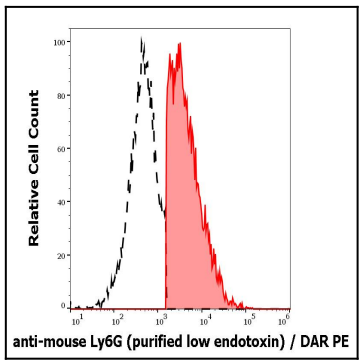


Figure 2: Separation of murine Ly6G positive cells (red-filled) from Ly6G negative cells (black-dashed) in flow cytometry analysis (surface staining) of murine splenocyte suspension stained using anti-mouse Ly6G (RB6-8C5) purified antibody (low endotoxin) DAR PE.

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