

Product datasheet for **CL046R**

Ly6g Rat Monoclonal Antibody [Clone ID: RB6-8C5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	RB6-8C5
Applications:	FC
Recommended Dilution:	Flow Cytometry: Use 10 µl of Neat-1/5 diluted antibody to label 10e6 cells in 100 µl.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Normal murine bone marrow cells.
Specificity:	This antibody recognises the mouse Gr-1 antigen. Clone RB6-8C5 reacts predominantly with the Ly-6G protein but weaker reactivity with the Ly-6C protein has been demonstrated. This Clone RB6-8C5 has been reported to deplete mouse mature neutrophils in vivo (3). We recommend the use of CL046LE for functional studies.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide, 1% BSA and 5% Sucrose Label: PE State: Lyophilized purified Ig fraction Label: R. Phycoerythrin (RPE)
Reconstitution Method:	Restore with 1 ml distilled water.
Purification:	Affinity Chromatography on Protein G
Conjugation:	PE
Storage:	Store the antibody undiluted at 2-8°C. DO NOT FREEZE! This product is photosensitive and should be protected from light.
Stability:	Shelf life: One year from despatch.
Gene Name:	lymphocyte antigen 6 complex, locus G
Database Link:	Entrez Gene 546644 Mouse P35461



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Background: The Gr-1 antigen is primarily a marker of myeloid differentiation. In the bone marrow the level of Gr-1 expression is low on immature myeloblasts and increases as the myeloid cells mature to granulocytes. Gr-1 is also expressed on macrophages and transiently on differentiating monocytes. Expression of Gr-1 on a subpopulation of lymphocytes has also been reported.

Synonyms: Gr-1 Granulocyte marker