

Product datasheet for **CL046PT**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	RB6-8C5
Applications:	FC, IHC, IP, WB
Recommended Dilution:	Immunohistochemistry on Frozen Sections. Western Blotting. Immunoprecipitation. Flow Cytometry: Use 10 µl of 1/100-1/200 to label 10 ⁶ cells in 100 µl.
Reactivity:	Mouse
Host:	Rat
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Normal murine bone marrow cells.
Specificity:	This antibody recognizes the Mouse Gr-1 antigen. Clone <i>RB6-8C5</i> reacts predominantly with the Ly-6G protein but weaker reactivity with the Ly-6C protein has been demonstrated. This Clone <i>RB6-8C5</i> 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 State: Purified State: Liquid purified Ig fraction from tissue culture supernatant Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	lymphocyte antigen 6 complex, locus G



[View online »](#)

Database Link: [Entrez Gene 546644 Mouse P35461](#)

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