

Rat Ly6G Monoclonal Antibody | anti-Ly6G antibody

Ly6G antibody (biotin)

CATALOG # AAA107189	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
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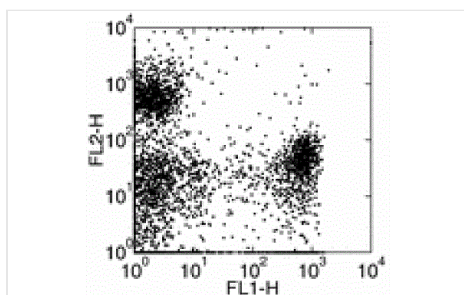
PRODUCT SYNONYMS

Ly6G; Monoclonal Antibody; Ly6G antibody (biotin); Monoclonal Ly6G; Anti-Ly6G; LyG-6; LyG 6; Gr1; anti-Ly6G antibody

PRODUCT SPECIFICATIONS

Host	Rat
Clonality	Monoclonal
Isotype	IgG2b kappa
Clone Number	RB6-8C5
Specificity	Mouse
Form/Format	Supplied in aqueous buffer with 0.09% sodium azide, may contain carrier protein/stabilizer.
Concentration	500 ug/ml (varies by lot)
Sequence Length	111
Applicable Applications for anti-Ly6G antibody	FCM/FACS (Flow Cytometry)
Biological Significance	The RB6-8C5 monoclonal antibody reacts with mouse Ly-6G, a 21-25 kDa protein also known as the myeloid differentiation antigen Gr-1. A GPI-linked protein, Gr-1 is expressed by the myeloid lineage in a developmentally regulated manner in the bone marrow. While monocytes only express Gr-1 transiently during their bone marrow development, the expression of Gr-1 on bone marrow granulocytes as well as on peripheral neutrophils is a good marker for these populations. Blocking studies with Ly-6C or RB6-8C5 show no effect against staining with the other clone thereby suggesting that RB6-8C5 does not recognize Ly-6C in resting bone marrow or splenocytes.
Tag/Conjugate	Biotin
Preparation and Storage	Store at 2-8 degree C. Do not freeze. Protect from light.

IMAGES



FCM/FACS (Flow Cytometry)

Staining of mouse bone marrow with Ly-6G antibody (FITC) and CD45R antibody (PE). Total viable cells were used for analysis

ADDITIONAL INFORMATION

Related Product Information for anti-Ly6G antibody	Rat monoclonal Ly6G antibody (biotin)
Product Categories/Family for anti-Ly6G antibody	Differentiation & Development; Conjugated Monoclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	547876
Molecular Weight	11,798 Da
NCBI Official Full Name	Lymphocyte antigen 6G
UniProt Protein Name	Lymphocyte antigen 6G
UniProt Gene Name	Ly6g
UniProt Synonym Gene Names	Ly-6G
UniProt Entry Name	LY6G_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/ly6g-antibody-clone-rb6-8c5-flow-cytometry-elisa/107189>