

Rat LY6G Monoclonal Antibody | anti-LY6G antibody

Rat Anti Mouse LY6G

CATALOG #	HOST	APPLICATIONS
AAA37912	Rat	Immunohistochemistry, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

LY6G; Monoclonal Antibody; Rat Anti Mouse LY6G; LY6G Antibody; Rat Anti Mouse Antibody; Lymphocyte antigen 6G; Ly-6G; Ly-6G.1; Ly6g; Gr1; Gr-1; anti-LY6G antibody

PRODUCT SPECIFICATIONS

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	YRmLy-6G
Purity/Purification	Protein A column.
Concentration	1mg/ml in PBS (after reconstitution). (varies by lot)
Applicable Applications for anti-LY6G antibody	IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Reconstitution	Reconstitute with H2O. Mix gently, wash the sides of the vial and wait 30-60 seconds before use.
Immunogen	Ly-6G-transfected cell line.
Antibody Properties	This antibody recognizes only Ly-6G which is expressed on most myeloid cells in the bone marrow and all peripheral granulocytes. For flow cytometry, use 10 ul/10 ⁶ cells. Exact titer for cell depletion in vivo (cytotoxicity) should be determined by the investigator.
Available Conjugates	This antibody is also available conjugated to biotin and FITC.
Preparation and Storage	In lyophilized form, for long periods, store at 4 degree C in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20 degree C. Antibody is shipped lyophilized at ambient temperature.

ADDITIONAL INFORMATION

Related Product Information for anti-LY6G antibody	Introduction: Myeloid differentiation antigen Gr1 (Ly6G) is a GPI-anchored protein, which is briefly expressed on monocytes in the bone marrow. The level of the Ly6G expression in the bone marrow completely correlates with granulocyte differentiation and maturation. Ly6G ligation on murine neutrophils inhibits neutrophil recruitment, thus providing the first evidence of a function for the Ly6G molecule. Ly6G is seen primarily on neutrophils, also in a subgroup of eosinophils, differentiating pre-monocytes and plasmacytoid dendritic cells.
Product Categories/Family for anti-LY6G antibody	Monoclonal/Polyclonal Antibodies ; Monoclonal Antibodies

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.