Rat anti-Mouse Ly6G Monoclonal Antibody | anti-Ly6G antibody

Anti-Ms Ly6G FITC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128951	**Rat**	**Mouse**	**Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

Ly6G; Monoclonal Antibody; Anti-Ms Ly6G FITC; lymphocyte antigen 6 complex; locus G; Gr1; Gr-1; Ly-6G; anti-Ly6G antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	RB6-8C5
Specificity	The rat monoclonal antibody RB6-8C5 detects Ly6G component of Gr-1 antigen, a commonly used surface marker of neutrophils.
Purity/Purification	The purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	0.5 mg/ml (varies by lot)
Sequence Length	134
Applicable Applications for anti-Ly6G antibody	FCM/FACS (Flow Cytometry)
Immunogen	Murine granulocytes
Conjugation	FITC
Preparation and Storage	Store in the dark at 2-8 degree C. Do not freeze. Avoid prolonged exposure to light.

ADDITIONAL INFORMATION

Related Product Information for anti-Ly6G antibody	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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1835922539
NCBI GeneID	546644
UniProt Accession #	P35461
NCBI Official Full Name	Lymphocyte antigen 6G

NCBI Official Synonym Full Names	lymphocyte antigen 6 complex, locus G
NCBI Official Symbol	Ly6g
NCBI Official Synonym Symbols	Gr1; Gr-1; Ly-6G
NCBI Protein Information	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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/ly6g-antibody-clone-rb6-8c5-flow-cytometry-elisa/128951