

Rat anti-Mouse Gr-1 Monoclonal Antibody | anti-Gr-1 antibody

Anti-Mouse Gr-1 Monoclonal Antibody (Alexa Fluor 647 Conjugated)

CATALOG # AAA174644	HOST Rat	REACTIVITY Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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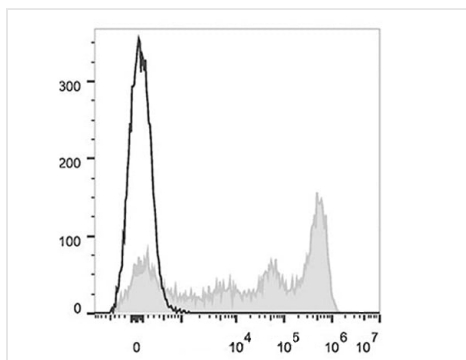
PRODUCT SYNONYMS

Gr-1; Monoclonal Antibody; Anti-Mouse Gr-1 Monoclonal Antibody (Alexa Fluor 647 Conjugated); Gr1; Ly-6G/Ly-6C; Ly6G/Ly6C; anti-Gr-1 antibody

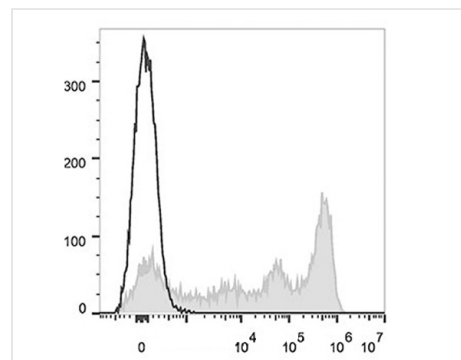
PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	RB6-8C5
Form/Format	Liquid; PBS with 0.05% Proclin300, 1% BSA
Sequence Length	111
Applicable Applications for anti-Gr-1 antibody	FCM/FACS (Flow Cytometry)
Conjugation	Alexa Fluor 647
Preparation and Storage	Store at 2-8 degree C and protected from prolonged exposure to light. Do not freeze.

IMAGES



FCM/FACS (Flow Cytometry)
C57BL/6 murine bone marrow cells are stained with Anti-Mouse Gr-1 Monoclonal Antibody(Alexa Fluor 647 Conjugated)(filled gray histogram). Unstained bone marrow cells (empty black histogram) are used as control.



FCM/FACS (Flow Cytometry)
Flow cytometry antibody

ADDITIONAL INFORMATION

Related Product Information for anti-Gr-1 antibody	Gr-1 is a 21-25 kD protein also known as Ly-6G/Ly-6C. This myeloid differentiation antigen is a glycosylphosphatidylinositol (GPI)-linked protein expressed on granulocytes and macrophages. In bone marrow, the expression levels of Gr-1 directly correlate with granulocyte differentiation and maturation; Gr-1 is also transiently expressed on bone marrow cells in the monocyte lineage. Immature Myeloid Gr-1+ cells play a role in the development of antitumor immunity.
References	1. Fleming TJ, et al. 1993. J. Immunol. 151:2399. 2. Jutila MA, et al. 1988. Eur. J. Immunol. 18:1819. 3. Goni O, et al. 2002. Int. Immunol. 14:1125.

NCBI AND UNIPROT INFORMATION

NCBI GI #	547876
NCBI GeneID	54664417067
UniProt Accession #	P35461; P0CW02; P0CW03
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://stage.aaabiotech.com/monoclonal/gr-1-antibody-clone-rb6-8c5-flow-cytometry-elisa/174644>