

Rat anti-Mouse Ly6G Monoclonal Antibody | anti-Ly-6G antibody

Anti-Mouse Ly6G In Vivo Antibody - Low Endotoxin (1A8)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA197035	Rat	Mouse	Immunofluorescence, Western Blot, Flow Cytometry, Functional Assay, Immunohistochemistry, Immunohistochemistry

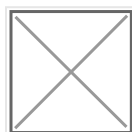
PRODUCT SYNONYMS

Ly6G; Monoclonal Antibody; Anti-Mouse Ly6G In Vivo Antibody - Low Endotoxin (1A8); Lymphocyte antigen 6 complex; locus G; anti-Ly-6G antibody

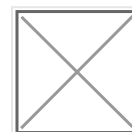
PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rat IgG2a
Clone Number	1A8
Specificity	Anti-Ly-6G In Vivo Antibody - Low Endotoxin (1A8) recognizes an epitope on Mouse Ly-6G. Unlike clone RB6-8C5 antibody, the 1A8 antibody reacts specifically with mouse Ly6G with no reported cross-reactivity with Ly6C
Purity/Purification	>95% by SDS-PAGE and HPLC This monoclonal antibody was purified using multi-step affinity chromatography methods such as Protein A or G depending on the species and isotype.
Form/Format	0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added.
Concentration	1.0mg/ml (varies by lot)
Applicable Applications for anti-Ly-6G antibody	IF (Immunofluorescence), WB (Western Blot), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Endotoxin	<= 1.0 EU/mg as determined by the LAL method
Immunogen	Mouse Ly-6G transfected EL-4J cell line
Aggregation	Aggregation level <= 5%
Antigen Distribution	Expressed on the majority of myeloid cells in bone marrow and peripheral granulocytes.
Preparation and Storage	anti-Ly-6G In Vivo Antibody - Low Endotoxin (1A8) is stable for at least one week when stored sterile at 2-8 degree C. For long term storage aseptically aliquot in working volumes without diluting and store at -80 degree C. Avoid Repeated Freeze Thaw Cycles.

IMAGES



IF (Immunofluorescence)



Application Data



IF (Immunofluorescence)

ADDITIONAL INFORMATION

Related Product Information for anti-Ly-6G antibody	Ly-6G is a 21-25 kD GPI-anchored protein, is expressed on the majority of myeloid cells in bone marrow and peripheral granulocytes.
Product Categories/Family for anti-Ly-6G antibody	Low Endotoxin; anti-mouse

NCBI AND UNIPROT INFORMATION

NCBI GI #	547876
UniProt Accession #	P35461
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://stage.aaabiotech.com/monoclonal/ly6g-antibody-clone-1a8-immunofluorescence-western-blot-flow-cytometry-immunohistochemistry-immunohistochemistry-elisa/197035>