

ARG41093 anti-Ly6G antibody [1A8] (low endotoxin)

Package: 50 µg
Store at: -20°C

Summary

Product Description	Low endotoxin Rat Monoclonal antibody [1A8] recognizes Ly6G
Tested Reactivity	Ms
Tested Application	FACS, FuncSt, IHC-P, IP
Specificity	The antibody specifically reacts with the 21-25 kDa glycoposphatidylinositol-anchored protein known as Ly6G, expressed by the granulocytes from the bone marrow and periphery neutrophils.
Host	Rat
Clonality	Monoclonal
Clone	1A8
Isotype	IgG2a, kappa
Target Name	Ly6G
Species	Mouse
Immunogen	Mouse Ly6G
Conjugation	Un-conjugated
Alternate Names	Gr1; Gr-1; Ly-6G

Application Instructions

Application table	Application	Dilution
	FACS	Assay-dependent
	FuncSt	Assay-dependent
	IHC-P	Assay-dependent
	IP	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Affinity purified.
Purification Note	Endotoxin level is less than 0.01 EU/µg of the protein, as determined by the LAL test.
Buffer	PBS (pH 7.2)
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	Ly6g
Gene Full Name	lymphocyte antigen 6 complex, locus G
Background	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. _x000D_
Highlight	Related products: Ly6 antibodies ; Ly6 ELISA Kits ; Ly6 Duos / Panels ; Anti-Rat IgG secondary antibodies ; Related news: New antibody panels and duos for Tumor immune microenvironment Exploring Antiviral Immune Response
Research Area	Mouse Inflammatory Cell Marker antibody; Neutrophil Marker antibody; Mouse MDSC Marker antibody; Myeloid-derived suppressor cell antibody
Calculated Mw	12 kDa
Cellular Localization	Cell membrane; GPI-anchor. [UniProt]