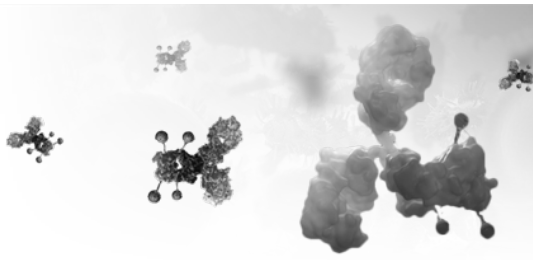

Rat Anti-Mouse Ly6C Monoclonal antibody, clone Monts 1 (CABT-L4472)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	The Monts 1 monoclonal antibody reacts with mouse Ly6C, a 14-17 kDa member of the Ly-6 superfamily of GPI-anchored cell surface proteins. Ly6C is expressed by monocytes, endothelial cells, granulocytes, and some T cell subsets.
Target	Mouse Ly6C
Immunogen	CHO-expressed mouse MCP-1
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	Monts 1
Purification	Protein G purified. Purity>95%. Determined by SDS-PAGE
Conjugate	Functional Grade
Applications	in vivo macrophage depletion (in combination with clodronate liposomes), FC
Molecular Weight	150 kDa
Format	0.2 µM filtered liquid. Purified from tissue culture supernatant in an animal free facility
Concentration	Lot specific
Size	5 mg

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Buffer	PBS, pH 7.0. Contains no stabilizers or preservatives. [low endotoxin azide-free] Endotoxin level: <2EU/mg (<0.002EU/μg). Determined by LAL gel clotting assay Related dilution buffer: CABT-LB04
Preservative	None
Storage	The antibody solution should be stored undiluted at 4°C, and protected from prolonged exposure to light. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	The Monts 1 monoclonal antibody reacts with mouse Ly6C, a 14-17 kDa member of the Ly-6 superfamily of GPI-anchored cell surface proteins. Ly6C is expressed by monocytes, endothelial cells, granulocytes, and some T cell subsets.
Keywords	LY6C1;lymphocyte antigen 6 complex, locus C1;Ly6c;Ly-6C;Ly-6C1;AA682074;AA959465;lymphocyte antigen 6C1;Lymphocyte antigen Ly-6C;lymphocyte antigen 6 complex, locus C;

GENE INFORMATION

Official Symbol	lymphocyte antigen 6 complex, locus C1
Synonyms	LY6C1; lymphocyte antigen 6 complex, locus C1; Ly6c; Ly-6C; Ly-6C1; AA682074; AA959465; lymphocyte antigen 6C1; Lymphocyte antigen Ly-6C; lymphocyte antigen 6 complex, locus C;
References	Rowe, A. M., et al. (2017). "Subclinical Herpes Simplex Virus Type 1 Infections Provide Site-Specific Resistance to an Unrelated Pathogen." J Immunol. doi: 10.4049/jimmunol.1601310. PubMed;

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