

Ly6c1/Ly6c2 monoclonal antibody, clone ER-MP20

Catalog # MAB5179

Size 100 ug

Specification

Product Description	Rat monoclonal antibody raised against native Ly6c1/Ly6c2.
Immunogen	Native purified Ly6c1/Ly6c2 from mouse macrophage cell lines.
Host	Rat
Reactivity	Mouse
Specificity	The monoclonal antibody ER-MP20 specifically reacts with mouse macrophage precursor cells in the mid-stage of their development (late CFU-M, monoblasts and monocytes). The antigen is a 14 kD surface protein which is very similar to Ly-6C and may be analogous to human CD59. The monoclonal antibody ER-MP20 has been raised after immunization of rats with mouse macrophage cell lines and reacts with mouse macrophage precursor cells. The monoclonal antibody also identifies activated macrophages in inflammatory tissues where the simultaneous use of the murine pan-macrophage marker BM8 (anti-F4/80) is recommended.
Form	Liquid
Isotype	IgG2a
Recommend Usage	Recommend dilution at 1:50 The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.1% BSA, 0.02% sodium azide)
Storage Instruction	Store at 4°C.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunohistochemistry (Frozen sections)

- Enzyme-linked Immunoabsorbent Assay
- Flow Cytometry
- Detection Antibody

Gene Info — Ly6c1

Entrez GeneID	17067
Gene Name	Ly6c1
Gene Alias	AA682074, AA959465, Ly-6C, Ly6c
Gene Description	lymphocyte antigen 6 complex, locus C1
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	Lymphocyte antigen Ly-6C lymphocyte antigen 6 complex, locus C

Gene Info — LOC100041546

Entrez GeneID	100041546
Gene Name	LOC100041546
Gene Alias	-
Gene Description	similar to Lymphocyte antigen 6C precursor (Ly-6C)
Gene Ontology	Hyperlink
Other Designations	-