

Rat Ly-6C Monoclonal Antibody | anti-Ly-6C antibody

RAT ANTI MOUSE Ly-6C:RPE

CATALOG # AAA49670	HOST Rat	APPLICATIONS Flow Cytometry, Functional Assay
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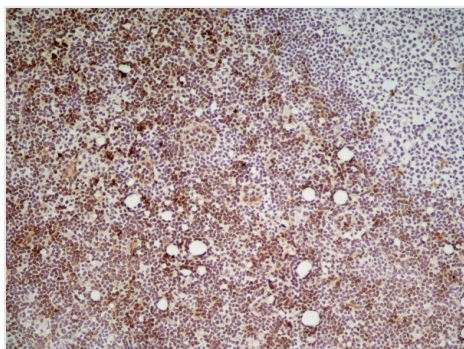
PRODUCT SYNONYMS

Ly-6C; Monoclonal Antibody; RAT ANTI MOUSE Ly-6C:RPE; anti-Ly-6C antibody

PRODUCT SPECIFICATIONS

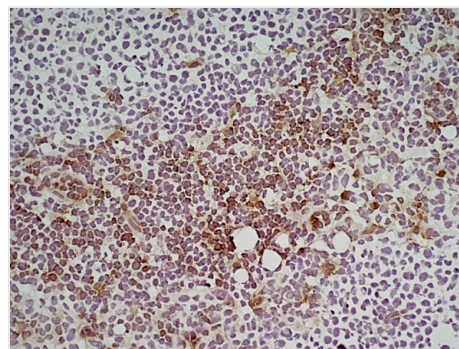
Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	ER-MP20
Form/Format	Purified IgG conjugated to R. Phycoerythrin (RPE) - lyophilised
Applicable Applications for anti-Ly-6C antibody	FCM/FACS (Flow Cytometry)
Reconstitution	Reconstitute with 1 ml distilled water Perservative Stabilisers
Buffer Solution	Phosphate buffered saline
Target Species	Mouse
Preparation and Storage	Store at 4 degree C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 12 months from date of reconstitution.

IMAGES



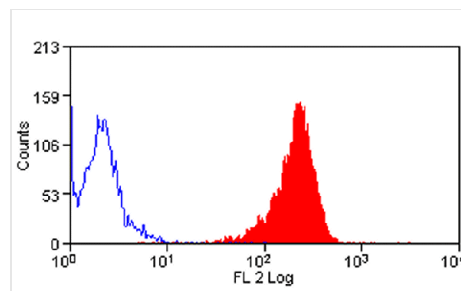
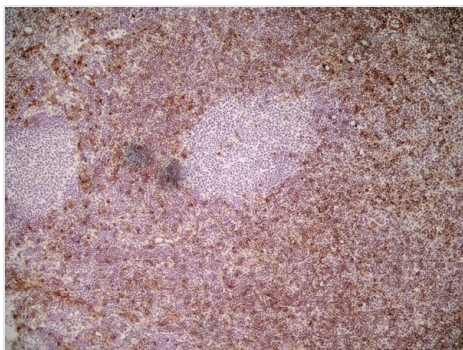
Application Data

Immunoperoxidase staining of a mouse lymph node cryosection with Rat anti Mouse Ly-6C antibody, clone ER-MP20 followed by horseradish peroxidase conjugated Goat anti Rat IgG antibody . Medium power



Application Data

Immunoperoxidase staining of a mouse lymph node cryosection with Rat anti Mouse Ly-6C antibody, clone ER-MP20 followed by horseradish peroxidase conjugated Goat anti Rat IgG antibody . High power



Application Data
Peripheral Mouse Granulocytes stained with Rat anti Mouse Ly-6C:RPE

Application Data

Immunoperoxidase staining of a mouse lymph node cryosection with Rat anti Mouse Ly-6C antibody, clone ER-MP20 followed by horseradish peroxidase conjugated Goat anti Rat IgG antibody . Low power

ADDITIONAL INFORMATION

Related Product Information for anti-Ly-6C antibody

Rat anti Mouse Ly-6C monoclonal antibody, clone ER-MP20 recognizes murine Ly-6C, a 14kD differentiation antigen, which is expressed on macrophage/dendritic cell precursors in mid-stage development (late CFU-M, monoblasts and immature monocytes), granulocytes, and on a wide range of endothelial cells and subpopulations of B- and T-lymphocytes. Rat anti Mouse Ly-6C antibody, clone ER-MP20 is able to distinguish multiple mouse blood monocyte subsets: immature Ly-6Chi monocytes are recruited to acute peripheral inflammation and develop into Ly-6C+ exudate macrophages, whereas more mature Ly-6C-/lo monocytes are precursors for tissue macrophages and dendritic cells in steady state. Rat anti Mouse Ly-6C, clone ER-MP20 can be used in conjunction with clone ER-MP12 in two colour flow cytometric analysis, to identify different stages of myeloid progenitor cells in mouse bone marrow (Leenen et al. 1990).

NCBI AND UNIPROT INFORMATION

NCBI GI #	116028
NCBI GeneID	100041546
UniProt Accession #	P09568; P0CW03
NCBI Official Synonym Full Names	lymphocyte antigen 6 complex, locus C2
NCBI Official Symbol	Ly6c2
NCBI Official Synonym Symbols	Ly-6C2; Ly-6C.2
NCBI Protein Information	lymphocyte antigen 6C2

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/ly-6c-antibody-clone-er-mp20-flow-cytometry-elisa/49670>