

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

RAT ANTI MOUSE Ly-6C

CATALOG # AAA49669	HOST Rat	APPLICATIONS Immunoprecipitation, Flow Cytometry, Functional Assay, Immunohistochemistry
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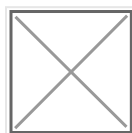
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

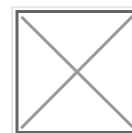
Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	ER-MP20
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0 mg/ml (varies by lot)
Applicable Applications for anti-Ly-6C antibody	IP (Immunoprecipitation), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
Perservative Stabilisers	0.09% Sodium Azide Preparation
Buffer Solution	Phosphate buffered saline
Target Species	Mouse
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



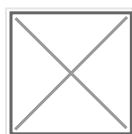
Application Data

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



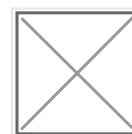
Application Data

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

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



Application Data

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

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).
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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-immunoprecipitation-flow-cytometry-immunohistochemistry-elisa/49669>