Rat anti-Mouse Mac-3 Monoclonal Antibody

Anti-Mouse Mac-3, Biotin (Clone M3/84) (rat IgG1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA74210	**Rat**	**Mouse**	**Flow Cytometry, Functional Assay, Immunohistochemistry**

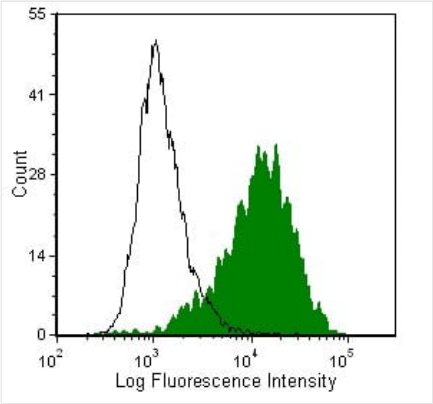
PRODUCT SYNONYMS

Mac-3; Monoclonal Antibody; Anti-Mouse Mac-3; Biotin (Clone M3/84) (rat IgG1); Purified Anti-Mouse MAC-3 Monoclonal Antibody; anti-Mac-3 antibody

PRODUCT SPECIFICATIONS

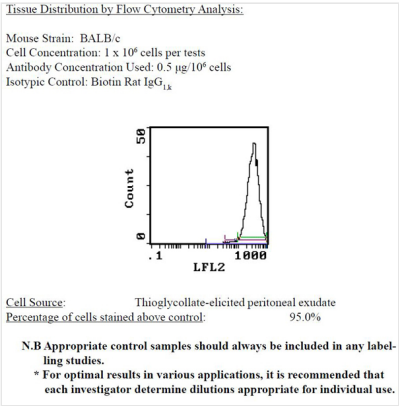
Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rat IgG $_{1K}$
Clone Number	M3/84
Specificity	Mac-3 (Mouse MAC-3)
Form/Format	Biotin/FITC/PE conjugated IgG buffered in PBS, 0.02% NaN_3.
Concentration	0.1 mg/ml (varies by lot)
Applicable Applications for anti-Mac-3 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry)
SPECIFICATIONS	CLONE: M3/84 IMMUNIZATION Immunogen: Immunoadsobent purified mouse macrophage glycoprotein fraction. Donor: Rat spleen SPECIFITY: Mouse MAC-3
TEST RESULTS	TISSUE DISTRIBUTION BY FLOW CYTOMETRY ANALYSIS: Mouse Strain: C57BL/6 Cell Concentration: 1 *10^6 cells per test Antibody Concentration Used: 1.0 ug/10^6 Cell Source: Thioglycollate-elicited peritoneal exudates Percentage of cells stained above control: 69.4%
Preparation and Storage	Store at 4°C. For long term storage (Purified, Biotin FITC, No Azide) aliquot and freeze unused portion at -20°C in volumes appropiate for single usage. Avoid freeze/thaw cycles.

IMAGES



Application Data

Thioglycolate-elicited C57BL/6 mouse peritoneal macrophages were stained with anti-Mac-3 (clone: M3/84) (filled histogram) or rat IgG1 isotype control (open histogram



Application Data

ADDITIONAL INFORMATION

Related Product Information for anti-Mac-3 antibody	anti-mouse MAC-3 monoclonal antibody recognizes the MAC-3 antigen which is found on macrophages and some nonlymphoid tissues, but not on lymphocytes. It is a glycoprotein showing a broad band in SDS-PAGE, and is synthesized by macrophages (average molecular weight 92-110,000 daltons, depending on the origin of macrophages). It reacts with peritoneal exudate macrophages where the exudate is provoked by thioglycollate, protease peptone, L. monocytogenes, lipopolysaccharide and concanavalin A. It does not react with thymocytes, spleen, lymph node or bone marrow cells in immunofluorescent flow cytometry. MAC-3 is a general marker for macrophages and can be used to distinguish these cells from lymphocytes. Its Mr 110,000 and cell distribution differentiate MAC-3 from MAC-2 and MAC-1 antigens.

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/mac-3-antibody-clone-m3-84-flow-cytometry-immunohistochemistry-elisa/74210