

Rat anti-Mouse MGL Monoclonal Antibody | anti-MGL antibody

MGL, Mouse, mAb ER-MP23

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77787	Rat	Mouse	Flow Cytometry, Functional Assay, Immunohistochemistry, Immunohistochemistry

PRODUCT SYNONYMS

MGL; Monoclonal Antibody; Mouse; mAb ER-MP23; anti-MGL antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rat IgG2a
Purity/Purification	Protein G
Form/Format	0.2um filtered in PBS + 0.1% BSA For unit size 0.5 mg or larger: PBS only (concentration< 0.5mg/ml)
Concentration	100ug/ml (varies by lot)
Applicable Applications for anti-MGL antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Endotoxin	2.95 EU/mg
Immunogen	Mouse macrophage cell lines
Aliases	Macrophage galactose-specific lectin, CD301, dendritic cell-asialoglycoprotein receptor, DC-ASGPR.
Preparation and Storage	Product should be stored at 4 degree C. Under recommended storage conditions, product is stable for one year.

IMAGES



IHC (Immunohistochemistry)

IHC-F: Immunohistochemistry on frozen C3H/HeN ear section stained with Clone ER-MP23 (5ug/ml)

ADDITIONAL INFORMATION

Related Product Information for anti-MGL antibody	Product Description: The monoclonal antibody ER-MP23 specifically reacts with the macrophage galactose-specific lectin (MGL), a 38 kDa single chain surface glycoprotein. MGL is found on murine mature macrophages in the connective tissue neighboring epithelia of e.g. salivary glands, capsule of lymph nodes, thymus and various other organs. MGL is present on the surface of connective tissue macrophages and their precursor cells in bone marrow. Also, MGL is expressed in macrophage cell lines (e.g. J774-1.6, RAW309Cr.1 and WR19M.1). Expression levels of MGL are increased in mature macrophages. The antigen is co expressed with the antigen recognized by monoclonal antibody BM8 (HM1066). The monoclonal antibody ER-MP23 has been raised after immunization of rats with mouse macrophage cell lines. Blocking studies demonstrated that the monoclonal antibody ER-MP23 is able to block mouse MGL.
References	1. Jansen, A et al; Immunohistochemical characterization of monocytes-macrophages and dendritic cells involved in the initiation of the insulits and beta-cell destruction in NOD mice. Diabetes 1994, 43: 667 2. Rosmalen, J et al; Islet abnormalities associated with an early influx of dendritic cells and macrophages in NOD and NODscid mice. Lab Invest 2000, 80: 769

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/mgl-antibody-flow-cytometry-immunohistochemistry-immunohistochemistry-elisa/77787>