

**AM26373PU-N****Monoclonal Antibody to MGL - Purified**

<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.1 mg/ml
<b>Background:</b>	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.
<b>Uniprot ID:</b>	<a href="#">P49300</a>
<b>NCBI:</b>	<a href="#">NP_034926.1</a>
<b>GenElD:</b>	<a href="#">17312</a>
<b>Host / Isotype:</b>	Rat / IgG2a
<b>Recommended Isotype Controls:</b>	SM15P, SM15PX
<b>Clone:</b>	ER-MP23
<b>Immunogen:</b>	Mouse macrophage cell lines
<b>Format:</b>	<b>State:</b> Liquid 0.2 µm filtered Ig fraction <b>Purification:</b> Protein G <b>Buffer System:</b> PBS <b>Preservatives:</b> 0.02% sodium azide <b>Stabilizers:</b> 0.1% bovine serum albumin
<b>Applications:</b>	Immunohistochemistry on frozen sections: he typical starting working dilution is 1:50. Flow cytometry: he typical starting working dilution is 1:50. Functional assays. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	The monoclonal antibody ER-MP23 specifically reacts with the macrophage galactose-specific lectin (MGL), a 38 kDa single chain surface glycoprotein.
<b>Species Reactivity:</b>	<b>Tested:</b> Mouse
<b>Add. Information:</b>	The antigen is glutaraldehyde (0.05%) resistant.
<b>Storage:</b>	Store at 2 - 8 °C. Shelf life: one year from despatch.
<b>General Readings:</b>	1. Jansen A, Homo-Delarche F, Hooijkaas H, Leenen PJ, Dardenne M, Drexhage HA. Immunohistochemical characterization of monocytes-macrophages and dendritic cells involved in the initiation of the insulinitis and beta-cell destruction in NOD mice. Diabetes. 1994 May;43(5):667-75. PubMed PMID: 8168644. 2. Rosmalen JG, Homo-Delarche F, Durant S, Kap M, Leenen PJ, Drexhage HA. Islet abnormalities associated with an early influx of dendritic cells and macrophages in

NOD and NODscid mice. Lab Invest. 2000 May;80(5):769-77. PubMed PMID: 10830787.