

Rat anti-Mouse MGL, clone ER-MP23 (Monoclonal)

Clone no.      ER-MP23

MONOSAN

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Product name	Rat anti-Mouse MGL, clone ER-MP23 (Monoclonal)
Host	Rat
Applications	IHC-fr,FC,FUNC,IHC-P
Species reactivity	mouse
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG2a
Clonality	Monoclonal
Clone number	ER-MP23
Size	1 ml
Concentration	100 ug/ ml
Format	-
Storage buffer	PBS with 0.1% BSA and 0.02% sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

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).<br> 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. Diabetes 1994; 43: 667
2. Rosmalen, J et al Lab Invest 2000, 80: 769
3. Abadie; V et al. Blood 2005; 106:1843
4. -
5. -

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