SZABO SCANDIC

Part of Europa Biosite

Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Rat anti-Mouse Ly-6c, clone ER-MP20 (Monoclonal)

Clone no. ER-MP20

MONOSAN

Product name	Rat anti-Mouse Ly-6c, clone ER-MP20 (Monoclonal)
Host	Rat
Applications	IHC-fr,FC,ELISA,IHC-P
Species reactivity	mouse
Conjugate	-
Immunogen	Unknown or proprietery to MONOSAN and/or its suppliers
Isotype	IgG2a
Clonality	Monoclonal
Clone number	ER-MP20
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-MP20 specifically reacts with mouse macrophage precursor cells in the mid-stage of their development (late CFU-M, monoblasts and monocytes). The antigen is a 14 kD surface protein which is very similar to Ly-6C and may be analogous to human CD59. It is inducible by IFN-alpha, IFN-beta and IFN-gamma. In tissue sections, the antigen is found on macrophage precursor subpopulations. In the bone marrow and hemopoietic islands of the lymphoid organs, and in the spleen. Activated macrophages in inflammatory tissues also express the ER-MP20-related antigen. The monoclonal antibody ER-MP20 has been raised after immunization of rats with mouse macrophage cell lines and reacts with mouse macrophage precursor cells. The monoclonal antibody also identifies activated macrophages in inflammatory tissues where the simultaneous use of the murine pan-macrophage marker BM8 (anti-F4/80) is recommended. In combination with an anti-mouse CD31/PECAM-1 antibody, ER-MP20 can be used to evaluate the cellular composition in murine bone marrow (e.g. using flow cytometric analysis). ER-MP20 also detects a wide range of endothelial cells.

References

1. De Bruijn; M et al. Eur J Immunol 1994; 24: 2279
2. De Bruijn, M et al J Immunol Methods 1998, 217: 27
3. Chan; J et al. Blood 1998; 92: 1423
4. Henkel G et al. Blood 1999; 93: 2849
5. Manitz M et al. Mol Cell Biol 2003; 23: 1034