

**CD11a, Lymphocyte Functional Antigen-1, LFA-1,
Clone MEM-25
Cat. no. MNS-MON 1104**

Specificity

The antibody is directed to the Lymphocyte Functional Antigen-1 (LFA-1), CD11a, which forms a heterodimer molecule (180-95 kD) consisting of the Integrin molecules CD11a and CD18. The antigen plays a role in intercellular communication between leukocytes and in adhesion of leukocytes to endothelial cells. The antibody blocks binding of LFA-1 to ICAM-1. On endothelial cells the ligand of LFA-1 is ICAM-1 (CD54).

Immunoglobulin type

murine IgG₁

Use

The antibody is excellent for immunoprecipitation and flowcytometry.

Functional applications: mem-25 blocks binding LFA-1 complex to ICAM-1. Suitable Mab for affinity purification of LFA-1 from leucocytes.

Instructions for use

Depending on the technique to be used a working dilution has to be tested beforehand. See further instructions for use A and G.

Presentation

100 µg in solution (PBS containing 15 mM sodium azide, pH 7.4).

Concentration: 1 mg/ml

Literature

- Leucocyte Typing IV, ed. W. Knapp et al., Oxford Univ. Press, Oxford 1989: Workshop nr N205. See also communications: N1.1, N1.4, N1.8 and N1.9.
- Bazil, V., et al., 1990, Fol. Biol. 36, 41.

Storage

Store undiluted antibody at 2-8°C until expiry date. For long-term storage aliquot antibody and store at -20°C. Avoid freeze/thaw cycles.

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