

## CD11a, Lymphocyte Functional Antigen-1, LFA-1, clone MEM-25 Monoclonal Antibody

**Catalog No.:** MON1104

**Quantity:** 1 ml

### **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 IgG<sub>1</sub>

### **Use**

The antibody can be used for immunofluorescence and immunohistochemistry for the detection of CD11a, LFA-1 carrying leukocytes.

### **Instructions for use**

Depending on the technique to be used a working dilution has to be tested beforehand, a dilution of 1:10 is advised.

### **Presentation**

1 ml diluted purified ascites in PBS with 0.1% sodium azide. Sufficient for staining of 100 cell preparations for immunofluorescence.

### **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.

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