

## CD11a, LFA-1 alpha chain, clone MEM-83 Monoclonal Antibody

**Catalog No.:** MON1151

**Quantity:** 1 ml

### **Specificity**

This antibody reacts with the  $\alpha$ -chain of LFA-1, the CD11a/CD18 integrin heterodimer present on human T- and B-lymphocytes, granulocytes and monocytes. The antibody activates the LFA-1 molecule leading to an enhanced binding affinity for the ligand ICAM-1. Recognizes uniquely an epitope involved in "activation" of LFA-1 (the mAb induces transition to high-affinity state).

### **Immunoglobulin type**

murine IgG1

### **Use**

Functional studies on LFA-1, CD11a. Immunofluorescence in cell suspensions. Can be used for immunoisolation of the antigen and for immunostaining of leucocytes.

### **Instructions for use**

For activation studies the antibody should be added to cells in complete culture medium.

### **Presentation**

100  $\mu$ g purified sterile antibody in PBS.

### **Literature**

- Landis, R.C., et al., 1993, J. Cellbiology 120, 1519-1527.
- Bazil, V., et al., 1990, Folia Biol. 36, 41.
- Knapp, W., et al., 1989, Leucocyte Typing IV, Oxford Univ. Press, Workshop nr. N211.

**FOR RESEARCH USE ONLY, NOT FOR DRUG, DIAGNOSTIC OR OTHER USE.**



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