

## CD44, H-CAM, R-PE-conjugated, clone MEM-85 Monoclonal Antibody

**Catalog No.:** MON1123R

**Quantity:** 0.5 ml

### **Specificity**

The antibody reacts with an 80kD glycoprotein, the human antigen CD44, H-CAM. The CD44 antigen is present on T-lymphocytes, granulocytes, brain, red blood cells and epithelial cell lines. The antibody reacts with the same epitope as Hermes-1 on the molecule, which is a leucocyte adhesion molecule (hyaluronan receptor), participating at homing.

### **Immunoglobulin type**

Murine IgG<sub>2</sub>b

### **Use**

The antibody can be used for flow cytometry.

### **Instructions for use**

This antibody has been titred for application in flow cytometry.  
Approximately 5 µl is required per 10<sup>6</sup> cells.

### **Isotype Controls**

It is recommended that Monosan isotype controls be used since they have been conjugated using the same protocols as for the monoclonal antibodies: Mouse IgG1 R-PE Code M104

### **Presentation**

100 µg / 0.5 ml antibody solution with sodium-azide. A highly purified grade of BSA has been added as a stabilizing protein to bring the final protein concentration to 4-5 mg/ml.  
Sufficient for a minimum of 100 tests.

### **Literature**

- Stefanová, I., et al., Immunogenetics 29, 402 (1989).
- Knapp, W., et al., Oxford Univ. Press, Leucocyte Typing IV Workshop nr N706 (1989).
- Bazil, V., et al., 1989, Folia Biologica 35, 289.

### **Storage & Handling**

CONTAINS R-PE: BE AWARE 2-8°C. NEVER STORE FROZEN

Aliquot and avoid freezing. Fluorochrome conjugates should be stored in the dark and direct exposure to light should be avoided during handling and cell staining.

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



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