

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 IgG₂b

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 10⁶ 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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