

# CD44 Monoclonal Antibody (MEM-85), PE

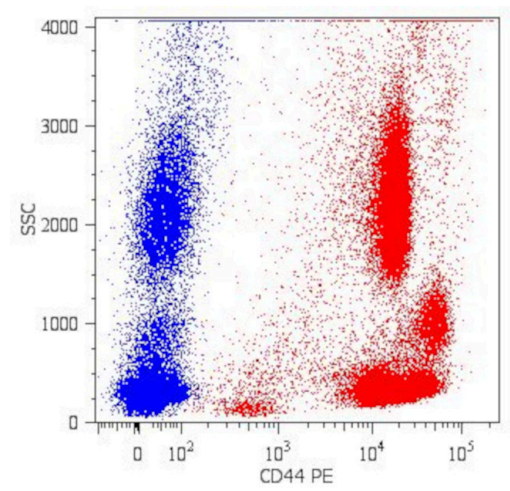
| Product Details         |  |
|-------------------------|--|
| Size                    | 100 Tests  |
| Species Reactivity      | Human  |
| Published Species       | Human  |
| Host/Isotype            | Mouse / IgG2b  |
| Class                   | Monoclonal   |
| Type                    | Antibody   |
| Clone                   | MEM-85   |
| Conjugate               | PE   |
| Excitation/Emission Max | 565/576 nm   |
| Immunogen               | Leucocytes from a patient suffering from a LGL type leukaemia. |
| Form                    | Liquid   |
| Purification            | Size-exclusion chromatography                                  |
| Storage buffer          | PBS, pH 7.4, with 0.2% BSA                                     |
| Contains                | 15mM sodium azide  |
| Storage conditions      | 4° C, store in dark, DO NOT FREEZE!                            |
| RRID                    | AB_1072385   |

| Applications                | Tested Dilution               | Publications  |
|-----------------------------|-------------------------------|---------------|
| Flow Cytometry (Flow)       | 20 µL/1x10 <sup>6</sup> cells | -             |
| Miscellaneous PubMed (Misc) | -                             | 1 Publication |

## Product Specific Information

This antibody reacts with both cell surface-expressed and soluble form of CD44 antigen. It is negative on platelets and hepatocytes.

Product Images For CD44 Monoclonal Antibody (MEM-85), PE



**CD44 Antibody (MA1-19634) in Flow**  
Flow cytometry analysis (surface staining) of human peripheral blood cells with anti-human CD44 (MEM-85) PE Monoclonal antibody (Product # MA1-19634).

1 Reference

Miscellaneous PubMed (1)

|  |                  |
|--|------------------|
| International journal of hematology  | Year<br>2011     |
| Co-culture of hematopoietic stem cells with mesenchymal stem cells increases VCAM-1-dependent migration of primitive hematopoietic stem cells. | Species<br>Human |
| "MA1-19634 was used in flow cytometry to investigate how mesenchymal stem cells improve hematopoietic stem cell transplantability."            |                  |
| Authors: Perdomo-Arciniegas AM,Vernot JP   |                  |

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