

**Mouse anti-Human CD22, R-PE**

**Clone RFB-4**

**Cat. no. MON 1042R**

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**Specificity**

MON1042R reacts with CD22, a type 1 integral membrane glycoprotein with molecular weight of 130 to 140 kDa. CD22 is expressed in both the cytoplasm and cell membrane of B-lymphocytes. CD22 antigen appears early in B-cell lymphocyte differentiation at approximately the same stage as the CD19 antigen. Unlike other B-cell markers, CD22 membrane expression is limited to the late differentiation stages comprised between mature B cells (CD22+) and plasma cells (CD22-), and may thus prove useful in phenotyping mature leukemias. CD22 is also strongly expressed in hairy cell leukemia.

**Immunoglobulin type**

Mouse IgG<sub>2b</sub>

**Use**

The antibody can be used for the following applications:

- Flow cytometry
- Recommended dilution: assay dependent

**Presentation**

0.5 ml of affinity purified antibody, labeled with R-PE, in PBS containing 0.1% sodium azide, sucrose and BSA.

**References**

- Campana D., et al, J.Immunol. 1985. 134 :1524.
- Li. J.L., et al., Cell. Immunol. 1989. 18:85.
- Shen G., et al., Int. J. Cancer 1998, 42:792.

**Storage**

Store antibody, in the dark, at 2-8°C until expiry date

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