

Product datasheet MON9933

**MONOSAN**<sup>®</sup>

Mouse anti-CD22, clone FR10B4 (Monoclonal)

Clone no. FR10B4

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Product name Mouse anti-CD22, clone FR10B4 (Monoclonal)

Host Mouse

Applications FC, IHC-fr, IF

Species reactivity human

Conjugate -

Immunogen RAJI cells

Isotype IgG1-K

Clonality Monoclonal

Clone number FR10B4

Size 100 ug

Concentration 100 ug/ml

Format -

Storage buffer PBS with 0.02% sodium azide

Storage until expiry date 2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

FR10B4 reacts with high affinity to CD22, which is expressed in the cytoplasm of all B-cells, appearing as early as cell-surface CD19 during B-cell development. It's present on the surface of most mature slg+ B-cells with especially high expression on hairy cell and prolymphocytic leukemia cells. CD22 is a member of the immunoglobulin super-family and acts as an adhesion molecule: BL-CAM. On frozen sections, CD22 is found highly expressed in follicular mantle and marginal zone B-cells, while germinal centre B-cells react relatively weakly.

**References**

1. Campana, D., et al. Leucocyte Typing IV, Oxford Univ. Press, (1989), pp 190-192
2. -
3. -
4. -
5. -

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