

anti-human CD22

Monoclonal Antibody LT22 to CD22 (Human)

Cat-No: **21380221**

100 µg in 100 µl

Clone: LT22

Specificity: Mouse monoclonal [LT22] to CD22

Isotype subclass: Mouse IgG2a

Purity: Protein A purified

Physical state: Liquid

Buffer/Additives/Preservative: PBS containing 0.09 % sodium azide (pH 7.2).

Expiration date: The reagent is stable until the expiry date stated on the vial label.

Storage conditions: Store at 4 °C. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.

Application: Flow Cytometry
Immunoprecipitation

Background: CD22 is a type 1 integral membrane glycoprotein with molecular weight of 130 to 140 kDa. It is expressed in both the cytoplasm and cell membrane of B lymphocytes. CD22 antigen appears early in B cell lymphocyte differentiation as 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. There are two different isoforms of CD22. It exists predominantly as a monomer of the beta isoform but can also be found as a heterodimer composed of the beta isoform and a second, shorter isoform CD22alpha).

Warning: Sodium azide is harmful if swallowed (R22). Keep out of reach of children (S2). Keep away from food, drink and animal feeding stuff (S13). Wear suitable protective clothing (S36). If swallowed, seek medical advice immediately and show this container or label (S46). Contact with acids liberates very toxic gas (R32). Azide compounds should be flushed with large volumes of water during disposal to avoid deposits in lead or copper plumbing where explosive conditions can develop.

This material is offered for **research use only**. Not for use in human. For in vitro use only. ImmunoTools will not be held responsible for patent infringement or other violations that may occur with the use of our products.

ImmunoTools Excellent Quality - Advantageously priced

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