

anti-human CD22 PE-conjugated

PE -conjugated monoclonal antibody 6B11 to human CD22

Cat-No: **21330224**

500 µl

Clone: 6B11

Specificity:

Clone 6B11 has been derived from hybridisation of SP2/0 cells with spleen cells of a BALB/c mouse immunized with cells of a patient with human Hairy Cell Leukaemia. The antibody was submitted to CD22 in the Third International Workshop on Human Leukocyte Differentiation Antigens. The monoclonal antibody is directed against the CD22 antigen (Bgp135), which is expressed on precursor B cells (cytoplasmatic) and subset of mature B cells (membrane) (molecular mass 130-140 kDa). Normal T cells, polymorph nuclear cells, monocytes and platelets were found to be negative. Cell lines SB, Raji and NALM-1 were found to be positive. Most CALLA-ALL were found to be positive. The reaction pattern to CLL and NHL is variable from weak to negative. PLL is clearly positive and Hairy Cell Leukaemia is very strong positive with this antibody.

Isotype subclass: Mouse IgG1

Form:

The antibodies were purified from ascites using column chromatography (ion exchange and affinity chromatography). Conjugated with R-phycoerythrin (PE). Molecular F/P ratio between 1.0 - 2.0.

Physical state: Liquid

Buffer/Additives/Preservative: PBS containing 1 % BSA and 0.09 % sodium azide (pH 7.4).

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

Storage conditions: Store at 4 °C. Avoid prolonged exposure to light.

Application: Enumeration of B lymphocytes in peripheral blood.

References:

Bos, M.J.E. et al., McMichael et al. (editor) Leukocyte Typing III, Oxford University Press, (1987), 388.

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 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.

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