

anti-human CD25 PE-conjugated

PE- conjugated monoclonal antibody TB-30 to human CD25

Cat-No: **21330254**

500 µl

Clone: TB-30

Specificity:

This clone has been derived from hybridization of SP2/0 cells with spleen cells of a BALB/c mouse immunized with PHA stimulated T lymphocytes. This antibody has been clustered to in one of the international Workshop on Human White Cell differentiation Antigens. The monoclonal antibody is directed against the CD25-antigen (Interleukin-2 receptor). The monoclonal antibody binds selectively to activated human lymphoblasts. Resting human blood cells were found to be negative. The monoclonal antibody is able to inhibit IL-2 driven T-cell proliferation.

Isotype subclass: Mouse IgG2b

Form: Ascites fluid of tumour bearing BALB/c mice. Ammoniumsulphate precipitation and ion exchange chromatography. Conjugated with R-phycoerythrin (PE). Molecular F/P ratio between 1.0 - 2.0

Physical state: Liquid

Buffer/Additives/Preservative: PBS containing BSA and 15 mM sodium azide, pH 7.4

Storage conditions: Store at 4 °C. Avoid prolonged exposure to light. The reagent is stable until the expiry date stated on the vial label.

Application: Research on T- and B-cell activation. Detection of cells infected with human T-cell leukaemia viruses I and II. Studies of ligand receptor interactions. Direct immunofluorescence staining with analysis by flowcytometry or fluorescence microscopy.

References:

Lier, R.A.W. van, et al., J. Immunology, 139, 2837 (1987).
Lier, R.A.W. van, et al., Eur. J. Immunology, 18, 167 (1988).
Lier, R.A.W. van, et al.; J. Immunology, 139, 1589 (1987).
Dongen, J.J.M. van, et al.; Neth. J. of Med., 33, 298 (1988).
Lier, R.A.W. van, et al., J. Immunology, 68, 45 (1987)

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.

ImmunoTools Excellent Quality - Advantageously priced

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