

anti-human CD42b PE-conjugated

PE -conjugated monoclonal antibody MB45 to human CD42b

Cat-No: **21330424**

500 µl

Clone: MB45

Specificity:

This clone has been derived from hybridization of SP2/0 cells with spleen cells of a BALB/c mouse immunized with human platelets. This antibody has been clustered to CD42b in the fourth international Workshop on Human White Cell differentiation Antigens in Vienna (1989). The monoclonal antibody is directed against the CD42b-antigen (gplb), which is expressed on human thrombocytes and megakaryocytes.

Isotype subclass:

Mouse IgG1

Form:

Ascites fluid. Purification: 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 m 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:

The monoclonal antibody is a useful marker for megakaryoblasts and megakaryoblastic leukaemias. Methods: Direct immunofluorescence staining with analysis by flowcytometry or fluorescence microscopy.

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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