

anti-human CD56 PE-conjugated

PE -conjugated monoclonal antibody B159 to human CD56

Cat-No: **21330564**

500 µl

Clone: B159

Specificity:

This antibody has been clustered to CD56 in one of the international Workshop on Human White Cell differentiation Antigens. The monoclonal antibody is directed against the heavily glycosylated CD56-antigen, (an isoform of N-CAM), which is expressed on human NK-cells. The monoclonal antibody does not react with human granulocytes, monocytes and B lymphocytes.

Isotype subclass: Mouse IgG1

Form: Hybridoma supernatant. Purification: Protein G affinity 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.

Application:

Enumeration of CD56 positive cells in peripheral blood. Methods: Direct immunofluorescence staining with analysis by flowcytometry or fluorescence microscopy.

References:

Perussia, B. et al., J. Immunology, 149, (11), 3459-3502 (1992).

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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