

anti-human CD45 PE-conjugated

PE -conjugated monoclonal antibody 15D9 to human CD45

Cat-No: **21330454**

500 µl

Clone: 15D9

Specificity:

This clone has been derived from hybridization of SP2/0 cells with spleen cells of a BALB/c mouse immunized with human thymocytes obtained after corrective cardiac surgery. This antibody has been clustered to CD45 in the Sixth International Workshop on Human White Cell Differentiation Antigens. The monoclonal antibody is directed against the CD45-antigen, defined T200 or Leucocyte Common Antigen (molecular mass 200 kDa). The antibody reacts with all cells of the haematopoietic lineage, not with cells of other lineages.

Isotype subclass: Mouse IgG1

Form: The antibody was purified from ascites or tissue culture medium using column chromatography (ion exchange and/or affinity chromatography). Conjugated with R-phycoerythrin (PE). Molecular F/P ratio is between 1.0 - 2.0.

Physical state: Liquid

Buffer/Additives/Preservative: PBS containing 1 % BSA and 0.09 % 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: Identification of infiltrating leucocytes in tissue. Enumeration of leucocytes in peripheral blood. 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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