

## anti-human CD1a PE-conjugated

PE -conjugated monoclonal antibody WM-35 to human CD1a

Cat-No: **21330014**

500 µl

**Clone:** WM-35

**Specificity:**

The antibody was submitted to CD1a in the Fifth International Workshop on Human Leukocyte Differentiation Antigens. The monoclonal antibody is directed against the CD1a-antigen (molecular mass 49 kDa), which is expressed on cortical thymocytes and certain thymomas in association with beta2-microglobulin. It also reacts strongly with Langerhans cells and a subpopulation of dendritic cells. The monoclonal antibody does not react with human granulocytes, monocytes, T- and B lymphocytes and NK-cells.

**Isotype subclass:**

Mouse IgG2b

**Form:**

Ascites fluid. 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:**

Identification of CD1a positive cells in tissue or peripheral blood to characterize leukaemias and lymphomas of T-cell types which originate from stage II thymocytes. 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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