

anti-human CD1a FITC-conjugated

FITC - conjugated monoclonal antibody WM35 to human CD1a

Cat-No: **21330013**

500 µl

Clone: WM35

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 of tumour bearing BALB/c mice. Purification: Ammoniumsulphate precipitation and ion exchange chromatography. Conjugation: Conjugated with fluorescein iso thiocyanate isomer 1 (FITC). Molecular F/P ratio between 5.0 - 10.0.

Physical state: Liquid

Buffer/Additives/Preservative: PBS containing 1% BSA and 0.09% sodium azide (pH 7.2)

Expiration date: The reagent is stable until the expiry date stated on the vial label

Storage conditions: Store at 4 °C. Avoid prolonged exposure to light.

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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