

anti-human CD1a FITC-conjugated**Cat-No.: H12419F 1ml****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 beta 2-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 tumor bearing BALB/c mice. Purification: Ammoniumsulphate precipitation and ion exchange chromatography. 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 BSA and 0.09 % sodium azide (pH 7.4)**Expiration date:** The reagent is stable until the expiry date stated on the vial label**Storage conditions:** Store at 4 °C. Do not freeze. 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.

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