

anti-humanCD1a FITC-conjugated**Cat-No.: H12123F** **1 ml****Clone:**

HI149

Specificity:

The antibody recognizes CD1a antigen, a 49 KDa polypeptide associated with beta2-microglobulin expressed on cortical thymocytes (strongly), Langerhans cells, dendritic cells and some T cell leukemias and lymphomas. The antibody does not react with peripheral blood T and B lymphocytes, monocytes, granulocytes, platelets and erythrocytes. CD1a antigen is thought to have a role in presentation of lipid antigens.

Isotype subclass:

Mouse IgG1

Form:

The purified antibody is conjugated with Fluorescein isothiocyanate (FITC) under optimum conditions. The reagent is free of unconjugated FITC and adjusted for direct use. No reconstitution is necessary.

Physical state: Liquid**Buffer/Additives/Preservative:**

PBS containing 1 % 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:

Flow Cytometry, Immunohistochemistry (frozen sections)

References:

Leucocyte Typing V. Schlossman S. et al. (Eds.), Oxford University Press (1995).

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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