

anti-human CD1a purified**Cat-No.:** H12123**0.1 mg****Clone:** HI 149**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:**

Purified from ascites by protein-G affinity chromatography.

Purity: > 95% (by SDS-PAGE)**Physical state:** Liquid**Buffer/Additives/Preservative:**

PBS with 15 mM 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. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles.

Application:

Flow Cytometry

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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