

Mouse anti-CD1b, clone 100-1A5 (Monoclonal)

Clone no. 100-1A5

MONOSAN

Product name Mouse anti-CD1b, clone 100-1A5 (Monoclonal)

Host Mouse

Applications ELISA, FC, IHC-fr, IF

Species reactivity human

Conjugate -

Immunogen stimulated human leucocytes

Isotype IgM

Clonality Monoclonal

Clone number 100-1A5

Size 100 ug

Concentration 100 ug/ml

Format -

Storage buffer PBS with 0.02% sodium azide

Storage until expiry date 2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

100-1A5 reacts with CD1b, a 44kDa type 1 glycoprotein associated with beta2-microglobulin. It is expressed on dendritic cells, Langerhans cells, thymocytes and T acute lymphoblastic leukemia cells. CD1, type 1 membrane protein, has structural similarity to the MHC class 1 molecule and has been shown to present lipid antigens for recognition by T lymphocytes. CD1b is also expressed in Langerhans interdigitating cells. 100-1A5 also reacts with pyramidal cells in the brain and was typed at the IVth International CD Workshop.

References

1. Knapp et. al., W (1989). Leucocyte typing IV. Oxford University Press
2. -
3. -
4. -
5. -

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