

anti-human CD37

This antibody recognizes the CD37 antigen on human B cells. On flow cytometry it stains approximately 2-10% of human peripheral blood mononuclear cells strongly. This antibody has been studied at the 3. International Workshop on Human Leucocyte Differentiation Antigens.

CD1a, together with CD1b and c, belongs to group 1 of CD1 glycoproteins. These proteins serve as antigen-presenting molecules for a subset of T cells that responds to specific lipids and glycolipids found in the cell walls of bacterial pathogens or self-glycolipid antigens such as gangliosides, and they have also roles in antiviral immunity. Unlike CD1b, CD1a is excluded from late endosomal compartments and instead traffics independently in the recycling pathway of the early endocytic system, and CD1a antigen presentation is independent upon vesicular acidification.

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| Clone: | HH1 |
| Isotype: | Mouse IgG1 |
| Physical state: | Purified from ascites by protein-G affinity chromatography |
| Purity: | > 95% (by SDS-PAGE) |
| Buffer: | PBS with 15 mM sodium azide (pH 7.4) |
| Storage Instruction: | Store at 4 °C. For long-term storage aliquot and store at -20°C. Avoid freeze/thaw cycles. |
| Application: | Flow Cytometry |
| Reference: | McMichael, A.J. et al. (eds.), Leucocyte typing 3., Oxford University Press (1987) |
| Quantity: | 0.1 mg |
| Order N°: | H12417 |

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).

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