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30-2437: Anti-CD54 / ICAM-1 Monoclonal Antibody (Clone:1H4)-PerCP Conjugated

Clonality: Monoclonal

Clone Name: 1H4

Application: FACS, WB, IHC, IHC-Fr, ICC

Reactivity: Human

Conjugate: PerCP

Gene: ICAM1

Gene ID: 3383

Uniprot ID: P05362

Alternative Name: ICAM1

Isotype: Mouse IgG2b

Immunogen Information: Raji cells and spleen cells fused with NS1 cells

Description

CD54 (ICAM-1) is a 90 kD member of the C2 subset of immunoglobulin superfamily. It is a transmembrane molecule with 7 potential N-glycosylated sites, expressed on resting monocytes and endothelial cells and can be upregulated on many other cells, e.g. with lymphokines, on B- and T-lymphocytes, thymocytes, dendritic cells and also on keratinocytes, chondrocytes, as well as epithelial cells. CD54 mediates cell adhesion by binding to integrins CD11a/CD18 (LFA-1) and to CD11b/CD18 (Mac-1). The interaction of CD54 with LFA-1 enhances antigen-specific T-cell activation.

Product Info

Amount: 100 tests

Storage condition : Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

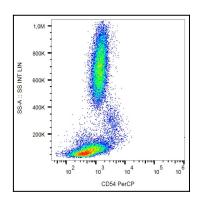


Figure 1: Surface staining of human peripheral blood with anti-CD54 (1H4) PerCP.