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30-1018: Anti-CD54 / ICAM-1 Monoclonal Antibody (Clone:1H4)-Azide free

Clonality: Monoclonal

Clone Name: 1H4

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

Reactivity: Human

Gene: ICAM1

Gene ID: 3383

Uniprot ID: P05362

Format: Azide free

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: 0.1 mg

Purification: Purified by protein-A affinity chromatography

Storage condition : Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry Recommended dilution: 1 ̸µg/ml

Western Blotting Immunohistochemistry Recommended dilution: 10 ̸µg/ml

Application Note: Prolonged fixation in buffered formalin can destroy the epitope. Hight temperature antigen unmasking

technique is required Immunohistochemistry (frozen sections) Recommended dilution: 5-10 Ã[µg/ml

Immunocytochemistry