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30-1633: Anti-CD54 Monoclonal Antibody (Clone:YN1/1.7.4)-Low Endotoxin(Discontinued)

Clonality: Monoclonal Clone Name: YN1/1.7.4

Application : FACS, IP, WB, IHC-Fr, ICC, Functional Assay

Reactivity: Mouse
Gene: Icam1
Gene ID: 15894
Uniprot ID: P13597

Format: Low Endotoxin
Alternative Name: Icam1,Icam-1
Isotype: Rat IgG2b
Immunogen Information: Mouse NS-1 cells

Description

CD54 (ICAM-1) is a 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-G affinity chromatography

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

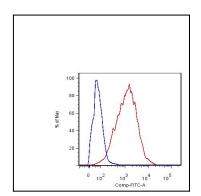


Figure 1: Surface staining of mouse thymocytes using anti-CD54 monoclonal antibody (clone YN1/1.7.4).