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## 30-2058: Anti-CD54 Monoclonal Antibody (Clone:YN1/1.7.4)-FITC Conjugated(Discontinued)

Clonality: Monoclonal **Clone Name:** YN1/1.7.4

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

Reactivity: Mouse Conjugate: FITC Gene: lcam1 Gene ID: 15894 **Uniprot ID:** P13597 **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

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

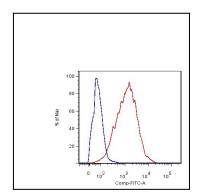


Figure 1: Surface staining of mouse thymocytes using anti-CD54 monoclonal antibody (clone YN1/1.7.4).