

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	YN1/1.7.4
<b>Application :</b>	FACS, IP, WB, IHC-Fr, ICC, Functional Assay
<b>Reactivity :</b>	Mouse
<b>Gene :</b>	Icam1
<b>Gene ID :</b>	15894
<b>Uniprot ID :</b>	P13597
<b>Format :</b>	Low Endotoxin
<b>Alternative Name :</b>	Icam1,Icam-1
<b>Isotype :</b>	Rat IgG2b
<b>Immunogen Information :</b>	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

<b>Amount :</b>	0.1 mg
<b>Purification :</b>	Purified by protein-G affinity chromatography
<b>Storage condition :</b>	Store at 2-8°C. Do not freeze.

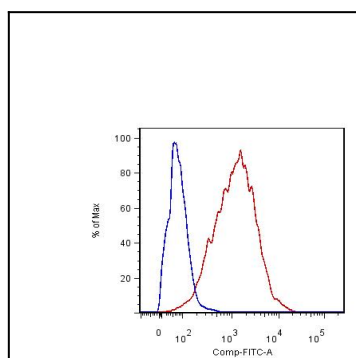


Figure 1: Surface staining of mouse thymocytes using anti-CD54 monoclonal antibody (clone YN1/1.7.4).