

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 :	Icam1
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.

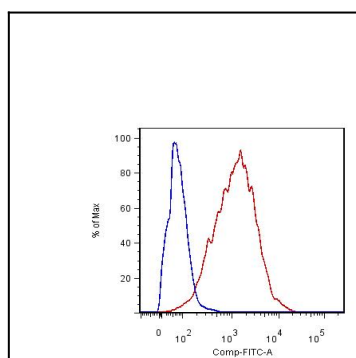


Figure 1: Surface staining of mouse thymocytes using anti-CD54 monoclonal antibody (clone YN1/1.7.4).