9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

30-1436: Anti-CD54 Monoclonal Antibody (Clone:YN1/1.7.4)(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 :	Purified
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-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry *Recommended dilution:* 1 Ã Âµg/ml

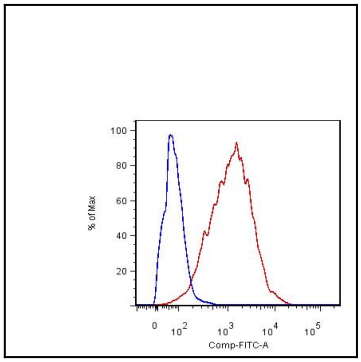

Figure 1: Surface staining of mouse thymocytes using anti-CD54 monoclonal antibody (clone YN1/1.7.4).

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