

### 30-1729: Anti-CD54 / ICAM-1 Monoclonal Antibody (Clone:1H4)-APC Conjugated

|                                |  |
|--------------------------------|--|
| <b>Clonality :</b>             | Monoclonal                                       |
| <b>Clone Name :</b>            | 1H4  |
| <b>Application :</b>           | FACS, WB, IHC, IHC-Fr, ICC                       |
| <b>Reactivity :</b>            | Human  |
| <b>Conjugate :</b>             | APC  |
| <b>Gene :</b>                  | ICAM1  |
| <b>Gene ID :</b>               | 3383   |
| <b>Uniprot ID :</b>            | P05362   |
| <b>Alternative Name :</b>      | ICAM1  |
| <b>Isotype :</b>               | Mouse IgG2b                                      |
| <b>Immunogen Information :</b> | Raji cells and spleen cells fused with NS1 cells |

#### Description

CD54 (ICAM-1) is a 90 kD 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>            | 100 tests   |
| <b>Storage condition :</b> | Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. |

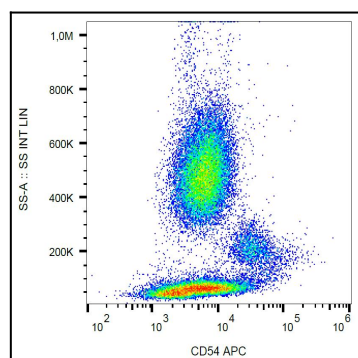


Figure 1: Surface staining of human peripheral blood with anti-CD54 (1H4) APC.