

30-1860: Anti-CD50 / ICAM-3 Monoclonal Antibody (Clone:MEM-171)-Biotin Conjugated

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|--------------------------------|--------------------|
| Clonality : | Monoclonal |
| Clone Name : | MEM-171 |
| Application : | FACS, IP |
| Reactivity : | Human |
| Conjugate : | Biotin |
| Gene : | ICAM3 |
| Gene ID : | 3385 |
| Uniprot ID : | P32942 |
| Alternative Name : | ICAM3 |
| Isotype : | Mouse IgG1 |
| Immunogen Information : | Human granulocytes |

Description

CD50 (intracellular adhesion molecule 3, ICAM-3) is a transmembrane glycoprotein expressed by leukocytes, that serves as a counter-receptor for the lymphocyte function-associated antigen (LFA)-1 integrin. Besides functioning as an adhesive molecule that mediates e.g. the contact between T cells and antigen presenting cells, ICAM-3 regulates affinity of LFA-1 for ICAM-1 and induces T cell activation and proliferation. ICAM-3 plays an essential role in the initiation of the immune response both on T cells and antigen presenting cells and interacts also with CD209 (dendritic cell-specific ICAM-3-grabbing nonintegrin, DC-SIGN), a C-type lectin of dendritic cells and macrophages; this process is involved in dialogue between dendritic cells and granulocytes.

Product Info

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| Amount : | 0.1 mg |
| Storage condition : | Store at 2-8°C. Do not freeze. |

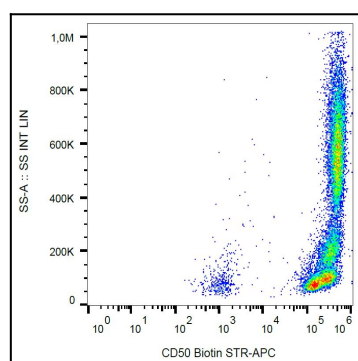


Figure 1: Surface staining of human peripheral blood with anti-CD50 (MEM-171) biotin / streptavidin-APC.