

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

## 30-2187: Anti-CD50 / ICAM-3 Monoclonal Antibody (Clone:MEM-171)-PE Conjugated

Clonality: Monoclonal **Clone Name:** MEM-171 Application: FACS. IP Reactivity: Human Conjugate: PΕ 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**

Amount: 100 tests

**Storage condition:** Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

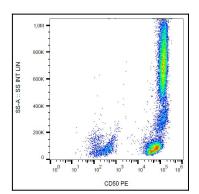


Figure 1: Surface staining of human peripheral blood with anti-CD50 (MEM-171) PE.