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30-1167: Anti-CD50 / ICAM-3 Monoclonal Antibody (Clone:MEM-171)

Clonality :	Monoclonal
Clone Name :	MEM-171
Application :	FACS, IP
Reactivity :	Human
Gene :	ICAM3
Gene ID :	3385
Uniprot ID :	P32942
Format :	Purified
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 :	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:*4 ÃÂµg/ml
Immunoprecipitation

For Research Use Only. Not for use in diagnostic/therapeutics procedures.