

Mouse anti-CD50/ pan leucocyte, clone MEM-171 (Monoclonal)

Clone no. MEM-171

MONOSAN

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Product name	Mouse anti-CD50/ pan leucocyte, clone MEM-171 (Monoclonal)
Host	Mouse
Applications	FC , IP
Species reactivity	Human
Conjugate	-
Immunogen	Human granulocytes
Isotype	IgG1
Clonality	Monoclonal
Clone number	MEM-171
Size	0.1 mg
Concentration	1 mg/ml
Format	-
Storage buffer	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Storage until expiry date	2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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**Additional info**

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.

References	1.	-
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