

Technical Data Sheet

Product	<b>Anti-Hu CD50 Alexa Fluor® 488</b>	
Cat. Number/Size	<b>A4-266-T025</b>	<b>25 tests</b>
	<b>A4-266-T100</b>	<b>100 tests</b>

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

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Antigen	CD50
Clone	MEM-171
Format	Alexa Fluor® 488
Reactivity	Human
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1
Specificity	The antibody MEM-171 recognizes an extracellular epitope in the D2 domain of CD50 (ICAM-3), a 120-130 kDa type I membrane protein (immunoglobulin supergene family) expressed on leukocytes, endothelial cells and Langerhans cells; it is negative on platelets and erythrocytes.
Other names	ICAM-3, ICAM-R
Workshop	HLDA VI: WS Code BP 614; HLDA VI: WS Code NL N-L022
Immunogen	Human granulocytes
Entrez Gene ID	3385
Gene name	ICAM3
NCBI Full Gene Name	intercellular adhesion molecule 3
UniProt ID	P32942

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Preparation	Purified antibody is conjugated with Alexa Fluor® 488 NHS ester under optimum conditions and unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Protect from prolonged exposure to light. Do not freeze.

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Images and References [www.exbio.cz](http://www.exbio.cz)

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