

Technical Data Sheet

Product	<b>Anti-Hu CD11a Purified Low Endotoxin</b>
Cat. Number/Size	<b>12-380-C100</b> <b>0.1 mg</b>
	<b>For Research Use Only.</b>
	<b>Not for use in diagnostic or therapeutic procedures.</b>

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Antigen	CD11a
Clone	MEM-83
Format	Purified Low Endotoxin
Reactivity	Human
Application	FUNC, FC (QC tested), IP
Application details	Functional application: The antibody MEM-83 directly induces the binding of T cells to purified ICAM-1. Using an in vitro-translated CD11a cDNA deletion series, the MEM-83 activation epitope was mapped to the "I" domain of the LFA-1 alpha subunit. The studies have therefore identified a novel LFA-1 activation epitope mapping to the I domain of LFA-1, which could play a role in the regulation of LFA-1 binding to ICAM-1. Flow cytometry: Recommended dilution: 1 µg/ml.
Isotype	Mouse IgG1
Specificity	The antibody MEM-83 reacts with an extracellular epitope of CD11a (alpha subunit of human LFA-1), a 170-180 kDa type I transmembrane glycoprotein expressed on B and T lymphocytes, monocytes, macrophages, neutrophils, basophils and eosinophils.
Other names	LFA-1, LFA1A, ITGAL
Workshop	HLDA IV: WS Code N 211
Immunogen	Human peripheral blood lymphocytes
Entrez Gene ID	3683
Gene name	ITGAL
NCBI Full Gene Name	integrin subunit alpha L
UniProt ID	P20701

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Concentration	1 mg/ml
Preparation	Purified by protein-A affinity chromatography.
Formulation	Phosphate buffered saline (PBS), pH 7.4
Storage and handling	Store at 2-8°C. Do not freeze.

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

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