



	Technical Data Sheet	
Product	Anti-Hu CD11a Purified Low Endotoxin	
Cat. Number/Size	12-380-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
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	
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.	
Images and References	www.exbio.cz	

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