

Technical Data Sheet

Product	Anti-Hu CD11b FITC	
Cat. Number/Size	1F-211-T025	25 tests
	1F-211-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD11b	
Clone	MEM-174	
Format	FITC	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG2a	
Specificity	The antibody MEM-174 recognizes an extracellular epitope of CD11b antigen (Mac-1 alpha), a 165-170 kDa type I transmembrane protein mainly expressed on monocytes, granulocytes and NK-cells. The CD11b mediates neutrophil and monocyte interactions with stimulated endothelium.	
Other names	Mac-1, Integrin alpha M, ITGAM, CR3A, MO1A, MAC1A	
Workshop	HLDA VI: WS Code BP 310; HLDA VI: WS Code M 18	
Immunogen	Human granulocytes	
Entrez Gene ID	3684	
Gene name	ITGAM	
NCBI Full Gene Name	integrin subunit alpha M	
UniProt ID	P11215	
Preparation	The purified antibody is conjugated with fluorescein isothiocyanate (FITC) under optimum conditions. The conjugate is purified by size-exclusion chromatography.	
Formulation	Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide	
Storage and handling	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.	
Images and References	www.exbio.cz	

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