



	Technical Data Sheet	
Product	Anti-Hu CD11b Purified Azide Free	
Cat. Number/Size	10-211-C025	0.025 mg
	10-211-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD11b	
Clone	MEM-174	
Format	Purified Azide Free	
Reactivity	Human	
Application	FC (QC tested), IP	
Application details	Flow cytometry: Recommended dilution: 1 µg/ml; positive control: peripheral blood lymphocytes. Immunoprecipitation: Positive control: granulocytes, CD11b/CD18 transfectants. Immunoprecipitation with the antibody MEM-174 was successfully performed using immuno-affinity sorbents (minicolumns). The final immunosorbent should contain 1-5 mg of antibody/1 ml of sorbent gel (e.g. agarose beads). It is recommended to stimulate positive control material by LPS 1-2 days before to achieve better expression of target antigen.	
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	
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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