



Technical Data Sheet

Product	Anti-Hu CD11b (activation epitope) PE	
Cat. Number/Size	1P-172-T025	25 tests
	1P-172-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD11b (activation epitope)	
Clone	CBRM1/5	
Format	PE	
Reactivity	Human	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1 kappa	
Specificity	The mouse monoclonal antibody CBRM1/5 recognizes an activation-dependent epitope on extracellular part of CD11b (Mac-1alpha), a 165-170 kDa type 1 transmembrane protein mainly expressed on monocytes, granulocytes and NK-cells. The antibody recognizes a subset of CD11b molecules on neutrophils and monocytes activated with chemoattractants or phorbol esters and it does not recognize CD11b on non-activated cells.	
Other names	Mac-1, Integrin alpha M, ITGAM, CR3A, MO1A, MAC1A	
Immunogen	Information not available	
Entrez Gene ID	3684	
Gene name	ITGAM	
NCBI Full Gene Name	integrin subunit alpha M	
UniProt ID	P11215	
Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. 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.	
Images and References	www.exbio.cz	

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