

Technical Data Sheet

Product

Anti-Hu CD11b PE

Cat. Number/Size

1P-211-T025

25 tests

1P-211-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD11b
Clone	MEM-174
Format	PE
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 R-phycoerythrin (PE) 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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