

Technical Data Sheet

Product

Anti-Ms CD11b PE

Cat. Number/Size

1P-595-C025

0.025 mg

1P-595-C100

0.1 mg

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD11b
Clone	M1/70
Format	PE
Reactivity	Mouse, Rabbit, Human, Non-human primates
Application	FC (QC tested)
Application details	Flow cytometry: Recommended dilution: 1-2 µg/ml.
Excitation laser	blue (488 nm)
Isotype	Rat IgG2b
Specificity	The rat monoclonal antibody M1/70 detects an extracellular epitope of CD11b (integrin alphaM subunit), a type I transmembrane protein mainly expressed on monocytes/macrophages, granulocytes and NK-cells, which associates with CD18 to form Mac-1 integrin that plays important role in cell-cell interactions.
Other names	Mac-1, Integrin alpha M, ITGAM, CR3A, MO1A, MAC1A
Immunogen	B10 mouse spleen cells enriched for T cells
Entrez Gene ID	16409
Gene name	Itgam
NCBI Full Gene Name	integrin subunit alpha M
UniProt ID	G5E8F1

Concentration	0.5 mg/ml
Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. Unconjugated antibody and free fluorochrome are removed by size-exclusion chromatography.
Formulation	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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