

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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