

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.<br>Immunoprecipitation: Positive control: granulocytes, CD11b/CD18 transfectants.<br>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          | Azide free phosphate buffered saline (PBS), approx. pH 7.4; 0.2 µm filter sterilized  |
| Storage and handling | Store at 2-8°C. Do not freeze. Do not use after expiration date stamped on the label. |

---

Images and References [www.exbio.cz](http://www.exbio.cz)

---

The product is intended For Research Use Only. Diagnostic or therapeutic applications are strictly forbidden. Products shall not be used for resale or transfer to third parties either as a stand-alone product or as a manufacture component of another product without written consent of EXBIO Praha, a.s. EXBIO Praha, a.s. will not be held responsible for patent infringement or any other violations of intellectual property rights that may occur with the use of the products. Orders for all products are accepted subject to the Term and Conditions available at [www.exbio.cz](http://www.exbio.cz). EXBIO, EXBIO Logo, and all other trademarks are property of EXBIO Praha, a.s.