# Technical Data Sheet

## Product

**Anti-Hu CD11b APC**

<table>
<thead>
<tr>
<th>Cat. Number/Size</th>
<th>25 tests</th>
<th>100 tests</th>
</tr>
</thead>
<tbody>
<tr>
<td>1A-211-T025</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1A-211-T100</td>
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</tbody>
</table>

*For Research Use Only.*

*Not for use in diagnostic or therapeutic procedures.*

## Antigen

CD11b

## Clone

MEM-174

## Format

APC

## 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

red (633 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 allophycocyanin (APC) 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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