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|                       | Technical Data Sheet   |               |
| Product               | <b>Anti-Ms CD11b FITC</b>  |               |
| Cat. Number/Size      | <b>1F-595-C100</b>   | <b>0.1 mg</b> |
|                       | <b>For Research Use Only.</b>  |               |
|                       | <b>Not for use in diagnostic or therapeutic procedures.</b>  |               |
| Antigen               | CD11b  |               |
| Clone                 | M1/70  |               |
| Format                | FITC   |               |
| Reactivity            | Mouse, Rabbit, Human, Non-human primates   |               |
| Application           | FC (QC tested)   |               |
| Application details   | Flow cytometry: Recommended dilution: 1-3 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 fluorescein isothiocyanate (FITC) under optimum conditions and 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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