

Technical Data Sheet

|                  |   |               |
|------------------|---|---------------|
| Product          | <b>Anti-Ms CD2 FITC</b>                                     |               |
| Cat. Number/Size | <b>1F-716-C100</b>  | <b>0.1 mg</b> |
|                  | <b>For Research Use Only.</b>                               |               |
|                  | <b>Not for use in diagnostic or therapeutic procedures.</b> |               |

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|---------------------|---|
| Antigen             | CD2   |
| Clone               | RM2-5   |
| Format              | FITC  |
| Reactivity          | Mouse   |
| Application         | FC (QC tested)  |
| Application details | Flow cytometry: Recommended dilution: 1-3 µg/ml.  |
| Excitation laser    | blue (488 nm)   |
| Isotype             | Rat IgG2b lambda  |
| Specificity         | The rat monoclonal antibody RM2-5 recognizes an extracellular epitope of CD2, a 50 kDa glycoprotein present on the human peripheral blood T lymphocytes and NK cells; also expressed by all thymocytes. |
| Other names         | LFA-2, Ly37, Ly-37  |
| Immunogen           | murine thymocytes   |
| Entrez Gene ID      | 12481   |
| Gene name           | CD2   |
| NCBI Full Gene Name | CD2 molecule  |
| UniProt ID          | P08920  |

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|----------------------|---|
| 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.  |

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

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