

Technical Data Sheet

Product

**Anti-Hu CD48 FITC**

Cat. Number/Size

**1F-226-T025**

**25 tests**

**1F-226-T100**

**100 tests**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

|                     |   |
|---------------------|---|
| Antigen             | CD48  |
| Clone               | MEM-102   |
| Format              | FITC  |
| Reactivity          | Non-human primates, Human   |
| Application         | FC (QC tested)  |
| Application details | Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.                       |
| Excitation laser    | blue (488 nm)   |
| Isotype             | Mouse IgG1  |
| Specificity         | The antibody MEM-102 reacts with CD48 (Blast-1), a 40-47 kDa GPI-anchored extracellular membrane protein (immunoglobulin supergene family) widely expressed on hematopoietic cells; it is negative on granulocytes, platelets and erythrocytes. |
| Other names         | BCM1, BLAST, BLAST1, SLAMF2   |
| Workshop            | HLDA V: WS Code AS S014   |
| Immunogen           | Raji human Burkitt's lymphoma cell line   |
| Entrez Gene ID      | 962   |
| Gene name           | CD48  |
| NCBI Full Gene Name | CD48 molecule   |
| UniProt ID          | P09326  |

|                      |   |
|----------------------|---|
| 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          | Stabilizing 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](http://www.exbio.cz)

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