

Technical Data Sheet

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|------------------|---|-----------------|
| Product          | <b>Anti-Hu CD48 Biotin</b>                                  |                 |
| Cat. Number/Size | <b>1B-226-C025</b>  | <b>0.025 mg</b> |
|                  | <b>1B-226-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             | CD48  |
| Clone               | MEM-102   |
| Format              | Biotin  |
| Reactivity          | Non-human primates, Human   |
| Application         | FC (QC tested), IP, WB, IHC(P)  |
| Application details | Flow cytometry: Recommended dilution: 1-2 µg/ml.  |
| 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  |

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|----------------------|---|
| Concentration        | 1 mg/ml   |
| Preparation          | Purified antibody is conjugated with biotin LC-NHS ester under optimum conditions and unconjugated antibody and free biotin 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. Do not freeze.  |

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

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