

Technical Data Sheet

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|------------------|---|------------------|
| Product          | <b>Anti-Hu CD9 Pacific Blue™</b>                            |                  |
| Cat. Number/Size | <b>PB-208-T025</b>  | <b>25 tests</b>  |
|                  | <b>PB-208-T100</b>  | <b>100 tests</b> |
|                  | <b>For Research Use Only.</b>                               |                  |
|                  | <b>Not for use in diagnostic or therapeutic procedures.</b> |                  |

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| Antigen             | CD9   |
| Clone               | MEM-61  |
| Format              | Pacific Blue™   |
| Reactivity          | Human   |
| Application         | FC (QC tested)  |
| Application details | Flow cytometry: The reagent is designed for analysis of human blood cells using 4 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.    |
| Excitation laser    | violet (405 nm)   |
| Isotype             | Mouse IgG1  |
| Specificity         | The antibody MEM-61 recognizes an epitope on second extracellular domain (EC2) of CD9 antigen, a 24 kDa transmembrane protein expressed on platelets, monocytes, pre-B lymphocytes, granulocytes and activated T lymphocytes. |
| Other names         | MIC3, MRP-1, BTCC-1, DRAP-27, TSPAN29, BA2  |
| Workshop            | HLDA VI: WS Code P P-15   |
| Immunogen           | Pre-B cell line NALM-6.   |
| Entrez Gene ID      | 928   |
| Gene name           | CD9   |
| NCBI Full Gene Name | CD9 molecule  |
| UniProt ID          | P21926  |

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| Preparation          | Purified antibody is conjugated with Pacific Blue™ NHS ester 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.  |

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

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