

Technical Data Sheet

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| Product | Anti-Hu CD10 PE-Cy™5 | |
| Cat. Number/Size | T8-209-T025 | 25 tests |
| | T8-209-T100 | 100 tests |

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

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| Antigen | CD10 |
| Clone | MEM-78 |
| Format | PE-Cy™5 |
| 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 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests. |
| Excitation laser | blue (488 nm) |
| Isotype | Mouse IgG1 |
| Specificity | The antibody MEM-78 reacts with an extracellular epitope CD10 antigen (CALLA - Common acute lymphatic leukemia antigen), a 100 kDa type II integral membrane protein. |
| Other names | CALLA, Neprilysin, Neutral endopeptidase, Enkephalinase, Atriopeptidase, MME |
| Workshop | HLDA IV: WS Code B 506; HLDA V: WS Code B CD10.4 |
| Immunogen | NALM-6 human pre-B cell line |
| Entrez Gene ID | 4311 |
| Gene name | MME |
| NCBI Full Gene Name | membrane metalloendopeptidase |
| UniProt ID | P08473 |

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| Preparation | Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-cyanine 5 (PE-Cy™5) 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

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