

Technical Data Sheet

Product **Anti-Hu CD79b PE-Cy™7**  
Cat. Number/Size **T7-676-T100** **100 tests**  
**For Research Use Only.**  
**Not for use in diagnostic or therapeutic procedures.**

|                     |  |
|---------------------|--|
| Antigen             | CD79b  |
| Clone               | CB3-1  |
| Format              | PE-Cy™7  |
| 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    | blue (488 nm)  |
| Isotype             | Mouse IgG1 kappa   |
| Specificity         | The mouse monoclonal antibody CB3-1 recognizes an extracellular epitope of CD79b (CD79 beta, Ig beta), an approximately 38 kDa component of B cell receptor (BCR) complex.   |
| Other names         | BCR beta, Ig-beta, B29, IGB  |
| Workshop            | HLDA VI: WS Code CD79.1  |
| Immunogen           | Fraction of Ig-associated molecules isolated from Ramos B cells  |
| Entrez Gene ID      | 974  |
| Gene name           | CD79B  |
| NCBI Full Gene Name | CD79b molecule   |
| UniProt ID          | P40259   |

|                      |   |
|----------------------|---|
| Preparation          | Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-cyanine 7 (PE-Cy™7) 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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