

Technical Data Sheet

Product

**Anti-Hu CD24 Pacific Blue™**

Cat. Number/Size

**PB-503-T025**

**25 tests**

**PB-503-T100**

**100 tests**

**For Research Use Only.**

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

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|---------------------|--|
| Antigen             | CD24   |
| Clone               | SN3  |
| 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 SN3 reacts with CD24, a 35-45 kDa heavily glycosylated cell surface antigen. CD24 is expressed by granulocytes, B lymphocytes and by some activated T cells and T cell malignancies. It is not expressed on human thymocytes. |
| Other names         | HSA, nectadorin, SCLC4   |
| Workshop            | HLDA IV: WS Code B 136; HLDA V: WS Code B CD24.7   |
| Immunogen           | Glycoproteins purified from human NALM-1 cell line.  |
| Entrez Gene ID      | 100133941  |
| Gene name           | CD24   |
| NCBI Full Gene Name | CD24 molecule  |
| UniProt ID          | P25063   |

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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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