

Technical Data Sheet

Product

**Anti-Hu CD151 PE**

Cat. Number/Size

**1P-149-T025**

**25 tests**

**1P-149-T100**

**100 tests**

**For Research Use Only.**

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

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|---------------------|---|
| Antigen             | CD151   |
| Clone               | 50-6  |
| Format              | PE  |
| Reactivity          | Human   |
| Application         | FC (QC tested)  |
| Application details | Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests. |
| Excitation laser    | blue (488 nm)   |
| Isotype             | Mouse IgG1 kappa  |
| Specificity         | The mouse monoclonal antibody CD151 recognizes an extracellular epitope of CD151 (also known as PETA-3), a 29 kDa transmembrane protein of tetraspanin family, expressed in many cell types.                              |
| Other names         | RAPH blood group, MER2, SFA1, PETA-3, GP27  |
| Immunogen           | Human epidermoid carcinoma cell line Hep-3  |
| Entrez Gene ID      | 977   |
| Gene name           | CD151   |
| NCBI Full Gene Name | CD151 molecule (Raph blood group)   |
| UniProt ID          | P48509  |

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**Preparation** Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. 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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