

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 ⁶ 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 | The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography. |
| Formulation | Stabilizing phosphate buffered saline (PBS) solution containing 15 mM sodium azide |
| Storage and handling | Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label. |

Images and References www.exbio.cz

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