

Technical Data Sheet

Product **Anti-Hu TCR gamma/delta PerCP-Cy™5.5**

Cat. Number/Size **T9-147-T100 100 tests**

**For Research Use Only.**

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

Antigen TCR gamma/delta

Clone B1

Format PerCP-Cy™5.5

Reactivity Human, Non-human primates

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. 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. The reactivity of clone B1 (anti-TCR gamma/delta) may be affected by co-staining with an anti-human CD3 mAb, which is likely to block the epitope recognized by clone B1. When using antibody B1 in a panel that includes CD3, it is recommended to apply a staining protocol in which the B1 mAb is added to the sample and incubated for approximately 15 minutes before adding the remaining antibodies. No washing is required between the staining steps.

Excitation laser blue (488 nm)

Isotype Mouse IgG1 kappa

Specificity The mouse monoclonal antibody B1 (also known as B1.1) recognizes an extracellular epitope of TCR gamma/delta, the subtype of T cell receptor expressed mainly in epithelial tissues and at the sites of infection.

Other names TCRG/D

Preparation Purified antibody is conjugated with activated tandem dye of activated Peridinin-Chlorophyll Protein-Cyanine 5.5 (PerCP-Cy™5.5) 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](http://www.exbio.cz)

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