

Technical Data Sheet

Product

Anti-Hu TCR gamma/delta PE

Cat. Number/Size

1P-147-T025

25 tests

1P-147-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	TCR gamma/delta
Clone	B1
Format	PE
Reactivity	Human, Non-human primates
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. 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 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.

Images and References	www.exbio.cz
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