

Technical Data Sheet

Product

**Anti-HLA-DR Pacific Blue™**

Cat. Number/Size

**PB-690-T025**                      **25 tests**  
**PB-690-T100**                      **100 tests**

**For Research Use Only.**

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

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Antigen	HLA-DR
Clone	L243
Format	Pacific Blue™
Reactivity	Dog, Non-human primates, 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 IgG2a kappa
Specificity	The mouse monoclonal antibody L243 recognizes specifically an extracellular epitope on HLA-DR molecules, both peptide-loaded and empty.
Immunogen	Human B lymphocytes

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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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