

Technical Data Sheet

Product

Anti-Hu CD77 PE

Cat. Number/Size

1P-193-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD77
Clone	38.13
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	Lewis Rat IgM
Specificity	The rat monoclonal antibody 38.13 recognizes CD77 (globotriaosylceramide Gb3), a neutral glycosphingolipid expressed mainly on the surface of B cell populations, such as germinal center B cells and Burkitt's lymphoma cells.
Other names	globotriaosylceramide Gb3, Gal-alpha1-4Gal-beta1-4Glc-beta1-Cer, P blood group
Workshop	HLDA IV
Immunogen	Daudi cell line (Burkitt's lymphoma)

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 Tris buffered saline (TBS), pH 8.0, 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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