

Technical Data Sheet

Product

Anti-Hu CD15 Pacific Blue™

Cat. Number/Size

PB-213-T025

25 tests

PB-213-T100

100 tests

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD15
Clone	MEM-158
Format	Pacific Blue™
Reactivity	Human
Negative species	Pig, Sheep, Cow
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 ⁶ cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Excitation laser	violet (405 nm)
Isotype	Mouse IgM
Specificity	The antibody MEM-158 reacts with CD15, a cell membrane molecule 3-fucosyl-N-acetyllactosamine (3-FAL) strongly expressed on the surface of granulocytes, monocytes, macrophages, mast cells; it is also present on Langerhans cells and some myeloid precursors cells.
Other names	Lewis x Blood Group antigen, Le(x), SSEA-1, 3-fucosyl-N-acetyllactosamine
Workshop	HLDA VI: WS Code AS A053
Immunogen	Human granulocytes

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 MES buffered saline, pH 5.5, 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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