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Technical Data Sheet

Product	**Anti-Hu CD43 Pacific Blue™**
Cat. Number/Size	**PB-220-T025** **25 tests** **PB-220-T100** **100 tests**
	For Research Use Only.
	Not for use in diagnostic or therapeutic procedures.

Antigen	CD43
Clone	MEM-59
Format	Pacific Blue™
Reactivity	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 10^6 cells in a suspension. The content of a vial (0.4 ml) is sufficient for 100 tests.
Excitation laser	violet (405 nm)
Isotype	Mouse IgG1
Specificity	The antibody MEM-59 recognizes neuraminidase-sensitive epitope on CD43 (Leukosialin), a 95-135 kDa type I transmembrane glycoprotein (mucin-type) which is involved in lymphocyte activation. CD43 is expressed by platelets and at high levels on the surface of all leukocytes; it is negative on resting B lymphocytes and erythrocytes.
Other names	Leukosialin, Leukocyte sialoglycoprotein, Sialophorin, Galactoglycoprotein, GALGP, LSN, SPN, GALGP
Workshop	HLDA IV: WS Code NL 604; HLDA V: WS Code AS S290
Immunogen	Human T lymphocytes.

Preparation	The purified antibody is conjugated with Pacific Blue™ under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide
Storage and handling	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

Images and References	www.exbio.cz

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