.EXBIO Praha, a.s. • Nad Safinou II 341 • 252 50 Vestec • Czech Republic
info@exbio.cz • technical@exbio.cz • orders@exbio.cz • www.exbio.cz

Technical Data Sheet

Product	**Anti-Hu CD25 Pacific Blue™**
Cat. Number/Size	**PB-218-T025** **25 tests** **PB-218-T100** **100 tests**
	For Research Use Only.
	Not for use in diagnostic or therapeutic procedures.

Antigen	CD25
Clone	MEM-181
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-181 reacts with an extracellular epitope of CD25 (Interleukin-2 receptor alpha chain), a 55 kDa type I transmembrane glycoprotein expressed on activated B and T lymphocytes, activated monocytes/macrophages and on CD4+ T lymphocytes (T regulatory cells); it is lost on resting B and T lymphocytes.
Other names	IL-2R α chain, IL-2-RA, IL2-RA, p55, TAC antigen, IDDM10, TCGFR
Workshop	HLDA VI: WS Code NL N-L024
Immunogen	PHA-activated peripheral blood leucocytes
Entrez Gene ID	3559
Gene name	IL2RA
NCBI Full Gene Name	interleukin 2 receptor subunit alpha
UniProt ID	P01589

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.

Images and References	www.exbio.cz

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