

Technical Data Sheet

Product	Anti-Hu CD2 Pacific Blue™	
Cat. Number/Size	PB-492-T025	25 tests
	PB-492-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD2
Clone	LT2
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 IgG2b
Specificity	The antibody LT2 reacts with an extracellular epitope of CD2, a 50 kDa glycoprotein present on the human peripheral blood T lymphocytes and NK cells; also expressed by all thymocytes.
Other names	T11, LFA-2, SRBC
Workshop	HLDA VI: WS Code T 6T-008
Immunogen	Normal human blood lymphocytes.
Entrez Gene ID	914
Gene name	CD2
NCBI Full Gene Name	CD2 molecule
UniProt ID	P06729

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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