

Technical Data Sheet

Product	Anti-Hu CD86 PE-Cy™7	
Cat. Number/Size	T7-531-T025	25 tests
	T7-531-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD86
Clone	BU63
Format	PE-Cy™7
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	blue (488 nm)
Isotype	Mouse IgG1
Specificity	The mouse monoclonal antibody BU63 reacts with an extracellular epitope of CD86 (B7-2), a 70 kDa type I transmembrane glycoprotein of immunoglobulin supergene family, expressed on professional antigen-presenting cells, such as dendritic cells, macrophages or activated B lymphocytes.
Other names	B7-2, FUN-1, LAB72
Workshop	HLDA V: WS Code BP BP072; HLDA V: WS Code A A109; HLDA VI: WS Code BP 95; HLDA VI: WS Code B CD86.9
Immunogen	B-lymphoblastoid cell line ARH 77
Entrez Gene ID	942
Gene name	CD86
NCBI Full Gene Name	CD86 molecule
UniProt ID	P42081

Preparation	Purified antibody is conjugated with activated tandem dye of R-phycoerythrin-cyanine 7 (PE-Cy™7) 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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