

Technical Data Sheet

Product	Anti-Hu CD86 Pacific Orange™
Cat. Number/Size	PO-531-T025 25 tests PO-531-T100 100 tests
	For Research Use Only.
	Not for use in diagnostic or therapeutic procedures.
Antigen	CD86
Clone	BU63
Format	Pacific Orange™
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 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 Pacific Orange™ 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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