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Technical Data Sheet

Product	**Anti-Hu CD152 PE-Cy™7**
Cat. Number/Size	**T7-785-T100** **100 tests**
	For Research Use Only.
	Not for use in diagnostic or therapeutic procedures.

Antigen	CD152
Clone	BNI3
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 IgG2a
Specificity	The mouse monoclonal antibody BNI3 recognizes an extracellular domain of human CD152 / CTLA4, an approximately 45 kDa type I transmembrane protein serving as a negative regulator of T cell responses.
Other names	CTLA4, GSE, GRD4
Immunogen	Human CD152-IgG heavy chain fusion protein
Entrez Gene ID	1493
Gene name	CTLA4
NCBI Full Gene Name	cytotoxic T-lymphocyte associated protein 4
UniProt ID	P16410

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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