

Technical Data Sheet

Product	Anti-Hu CD152 Alexa Fluor® 647
Cat. Number/Size	A6-785-T100 100 tests
	For Research Use Only.
	Not for use in diagnostic or therapeutic procedures.

Antigen	CD152
Clone	BNI3
Format	Alexa Fluor® 647
Reactivity	Human
Application	FC (QC tested), ICC
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	red (633 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 Alexa Fluor® 647 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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