



	Technical Data Sheet	
Product	Anti-Hu CD231 PE-Cy™7	
Cat. Number/Size	T7-200-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD231	
Clone	B2D	
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 B2D recognizes an extracellular epitope of CD231 (TALLA-1, tetraspanin 7), a transmembrane glycoprotein expressed in neuronal tissue and T-ALL.	
Other names	TSPAN7, TALLA-1, MXS1, MRX58, TM4SF2	
Immunogen	Human T-ALL cell line THP-6	
Entrez Gene ID	7102	
Gene name	TSPAN7	
NCBI Full Gene Name	tetraspanin 7	
UniProt ID	P41732	
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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