

Technical Data Sheet

Product	Anti-Hu CD38 PE-Cy™5	
Cat. Number/Size	T8-366-T025	25 tests
	T8-366-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	

Antigen	CD38
Clone	HIT2
Format	PE-Cy™5
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 antibody HIT2 reacts with CD38 (T10), a 45 kDa type II transmembrane glycoprotein strongly expressed mainly on plasma cells and activated T and B lymphocytes; it is an antigenic marker of lymphoid cells.
Other names	ADPRC1, Cyclic ADP-ribose hydrolase 1, cADPr hydrolase 1, T10
Workshop	HLDA III: WS Code T 155
Immunogen	Human thymocytes in foetus

Preparation	The purified antibody is conjugated with tandem dye PE-Cy™5 under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS) solution containing 15mM sodium azide
Storage and handling	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light. Do not use after expiration date stamped on vial label.

Images and References www.exbio.cz

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