

Technical Data Sheet

Product

**Anti-Hu CD38 PerCP**

Cat. Number/Size

**PC-366-T025**

**25 tests**

**PC-366-T100**

**100 tests**

**For Research Use Only.**

**Not for use in diagnostic or therapeutic procedures.**

Antigen	CD38
Clone	HIT2
Format	PerCP
Reactivity	Human
Application	FC (QC tested)
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 10 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests.
Excitation laser	blue (488 nm)
Isotype	Mouse IgG1
Specificity	The mouse monoclonal antibody HIT2 reacts with an extracellular epitope of CD38, 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. Its binding is blocked by daratumumab.
Other names	ADPRC1, cADPr hydrolase 1, T10, NAD(+) nucleosidase, ADP-ribosyl cyclase 1
Workshop	HLDA III: WS Code T 155
Immunogen	Human thymocytes in foetus
Entrez Gene ID	952
Gene name	CD38
NCBI Full Gene Name	CD38 molecule
UniProt ID	P28907

Preparation	Purified antibody is conjugated with activated Peridinin-Chlorophyll Protein (PerCP) 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](http://www.exbio.cz)

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