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Technical Data Sheet

Product **Anti-Hu CD38 Purified**

Cat. Number/Size		
	11-366-C025	**0.025 mg**
	11-366-C100	**0.1 mg**

For Research Use Only.

Not for use in diagnostic or therapeutic procedures.

Antigen	CD38
Clone	HIT2
Format	Purified
Reactivity	Human
Application	FC (QC tested), WB, IHC(P), IHC(F)
Application details	Immunohistochemistry (paraffin sections): Recommended dilution: 10 µg/ml. Western blotting: Recommended dilution: 2 µg/ml; positive control: RAJI human cell line, non-reducing conditions. Flow cytometry: Recommended dilution: 1-4 µg/ml
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

Concentration	1 mg/ml
Preparation	Purified by protein-A affinity chromatography.
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide
Storage and handling	Store at 2-8°C. Do not freeze.

Images and References	www.exbio.cz