



	Technical Data Sheet	
Product	Anti-Hu CD138 Pacific Orange™	
Cat. Number/Size	PO-814-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	CD138	
Clone	MI15	
Format	Pacific Orange™	
Reactivity	Human, Non-human primates	
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	violet (405 nm)	
Isotype	Mouse IgG1 kappa	
Specificity	The mouse monoclonal antibody MI15 recognizes an extracellular epitope of CD138 (syndecan 1), a 65-70 kDa heparan sulfate proteoglycan expressed mainly in the epidermis and plasma cells, but also in growth factor-stimulated lymphocytes.	
Other names	syndecan 1, SYND1, SDC	
Workshop	HLDA VI	
Immunogen	A mixture of U266 and XG-1 human myeloma cell lines	
Entrez Gene ID	6382	
Gene name	SDC1	
NCBI Full Gene Name	syndecan 1	
UniProt ID	P18827	
Preparation	Purified antibody is conjugated with Pacific Orange™ 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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