

Technical Data Sheet

Product	<b>Anti-Hu CD15 PE</b>	
Cat. Number/Size	<b>1P-213-T025</b>	<b>25 tests</b>
	<b>1P-213-T100</b>	<b>100 tests</b>
	<b>For Research Use Only.</b>	
	<b>Not for use in diagnostic or therapeutic procedures.</b>	
Antigen	CD15	
Clone	MEM-158	
Format	PE	
Reactivity	Human	
Negative species	Pig, Sheep, Cow	
Application	FC (QC tested)	
Application details	Flow cytometry: The reagent is designed for analysis of human blood cells using 20 µl reagent / 100 µl of whole blood or 10 <sup>6</sup> cells in a suspension. The content of a vial (2 ml) is sufficient for 100 tests.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgM	
Specificity	The antibody MEM-158 reacts with CD15, a cell membrane molecule 3-fucosyl-N-acetyllactosamine (3-FAL) strongly expressed on the surface of granulocytes, monocytes, macrophages, mast cells; it is also present on Langerhans cells and some myeloid precursors cells.	
Other names	Lewis x Blood Group antigen, Le(x), SSEA-1, 3-fucosyl-N-acetyllactosamine	
Workshop	HLDA VI: WS Code AS A053	
Immunogen	Human granulocytes	
Preparation	The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.	
Formulation	Stabilizing Tris buffered saline (TBS) solution with 15 mM 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	<a href="http://www.exbio.cz">www.exbio.cz</a>	

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