



	Technical Data Sheet	
Product	Anti-Lactoferrin PE	
Cat. Number/Size	1P-128-T100	100 tests
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	Lactoferrin	
Clone	LF5-1D2	
Format	PE	
Reactivity	Human	
Application	FC-IC (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 ⁶ cells in a suspension. The content of a vial (1 ml) is sufficient for 100 tests. Intracellular staining.	
Excitation laser	blue (488 nm)	
Isotype	Mouse IgG1	
Specificity	The mouse monoclonal antibody LF5-1D2 recognizes lactoferrin, an iron-binding secreted glycoprotein of about 90 kDa, which has anti-inflammatory, immunomodulatory and anti-microbial properties.	
Other names	LF, Lactotransferrin, LTF	
Immunogen	human lactoferrin	
Entrez Gene ID	4057	
Gene name	LTF	
NCBI Full Gene Name	lactotransferrin	
UniProt ID	P02788	
Preparation	Purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. 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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