

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 (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.
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	The purified antibody is conjugated with R-phycoerythrin (PE) under optimum conditions. The conjugate is purified by size-exclusion chromatography.
Formulation	Stabilizing phosphate buffered saline (PBS) solution containing 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	www.exbio.cz
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