



Sanquin

PeliCluster

LTF (Lactoferrin)

Specification sheet

Art.no	M1700
Test/vial	200
Clone	CLB-13.17
Isotype	Mouse, IgG1
Source	Culture supernatant
Purification	Ammoniumsulphate precipitation and ion exchange chromatography.
Packing	Each vial contains 1 ml with approximately 0.2 mg/ml monoclonal antibody and 10 mg BSA in 20 mM TRIS and 150 mM NaCl, pH 8.0.
Preservative	Merthiolate (0.001%).
Storage and stability	Monoclonal antibodies should be stored in the dark at 2-8°C. The reagent is stable until the expiry date stated on the vial label.
Major reactivity	<p>This monoclonal antibody is directed against human lactoferrin (LTF), which occurs in the characteristic granules of granulocytes. The antibody does not react with any other peripheral blood cells. It also recognizes lactoferrin in breast milk and tear-fluid.</p> <p>The technique for cytoplasmatic fluorescence is described as Procedure 3 on the back of this specification sheet.</p>
Molecular mass	115 kDa.
Application	<p>Study of Acute Myeloid Leukemias (AML). When used in combination with anti-myeloperoxidase (MPO), immature myeloid cells and monocytes can be recognized as MPO⁺, LTF⁻.</p> <p>Specific recognition of granulocytes in tissues.</p>
Methods	Indirect immunofluorescence staining with analysis by flow cytometry or fluorescence microscopy. (see AZ_CDO.pdf)