



Sanquin

# PeliCluster

## MPO

### Specification sheet

<b>Art.no</b>	M1464
<b>Test/vial</b>	200
<b>Clone</b>	MPO-1/1, 7.17
<b>Isotype</b>	Mouse IgG2a.
<b>Source</b>	Culture supernatant.
<b>Purification</b>	Ammoniumsulphate precipitation and ion exchange chromatography.
<b>Packing</b>	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.
<b>Preservative</b>	NaN <sub>3</sub> 0.1 % (w/v).
<b>Storage and stability</b>	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.
<b>Major reactivity</b>	The monoclonal antibody reacts with virtually all cells of the myeloid lineage, from myeloblasts to neutrophils and monocytes. It does not react with human lymphocytes, thrombocytes and erythrocytes. 96% of all AML's are found positive; 100% of all ALL's are found negative.
<b>Molecular mass</b>	N.D.
<b>Application</b>	Study of Acute Myeloid Leukaemia.
<b>Methods</b>	Indirect immunofluorescence staining with analysis by flow cytometry or fluorescence microscopy. (see AZ_CDO.pdf)