



Sanquin

PeliCluster

Ery-H/1

Specification sheet

Art.no	M1392
Test/vial	200
Clone	7C11
	<p>This clone has been derived from hybridization of SP2/O cells with spleen cells of a BALB/c mouse immunized with human erythrocytes. This antibody meets the specification for Ery-H/1 of the International Workshop on Human Leukocyte Differentiation Antigens.</p>
Isotype	Mouse IgM.
Source	Ascites fluid of tumour bearing BALB/c mice.
Purification	Ammoniumsulphate precipitation and gelfiltration.
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	Sodium azide (NaN ₃), 0,1% (w/v).
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>The monoclonal antibody is directed against the H-antigen (type II). On peripheral blood cells this antigen can be detected abundantly on erythrocytes and at a low density on thrombocytes.</p> <p>This monoclonal antibody does not react with monocytes, granulocytes and lymphocytes.</p> <p>This monoclonal antibody is not reactive with the red cells from individuals with the genotype hh (phenotype Oh, Bombay erythrocytes). The reactivity of the monoclonal antibody is inhibited by synthetic H2 oligosaccharide, but not by synthetic H1 oligosaccharide.</p>
Molecular mass	N.D.
Application	The monoclonal antibody is useful for the study of malignant erythroblastic diseases.
Methods	Indirect immunofluorescence staining with analysis by flow cytometry or fluorescence microscopy. (see AZ_CDO.pdf)