



Sanquin

PeliCluster

CD16b

Specification sheet

Art.no	M1390
Test/vial	200
Clone	CLB-gran/11, 5D7
	This clone has been derived from hybridization of SP2/O cells with spleen cells of a BALB/c mouse immunized with human granulocytes. This clone was submitted to the Fifth International Workshop on Human Leukocyte Differentiation Antigens.
Isotype	Mouse IgG2a.
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	The monoclonal antibody is directed against the Fc γ RIII receptor, (allo-antigen NA1), which is expressed on human neutrophil granulocytes. NA1 is absent in patients with PNH.
Molecular mass	50-65 kDa.
Application	Study for NA1 phenotyping of granulocytes.
Methods	Indirect immunofluorescence staining with analysis by flow cytometry or fluorescence microscopy. (see AZ_CDO.pdf)