



Sanquin

PeliCluster Control IgG2b

Specification sheet

Art.no	M2173
Test/vial	200
Clone	GC198
Isotype	Mouse, IgG2b.
Source	Mouse ascites fluid.
Packing	Each vial contains 1 ml with approximately 0.2 mg monoclonal IgG2b control and 0.2% BSA in 25 mM TRIS and 400 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	This monoclonal antibody reacts with the outer membrane protein of some strains of <i>Neisseria gonorrhoea</i> . No reaction with human cell surface or plasma components has been observed. However, some binding to Fc receptors may occur.
Application	Negative control for direct immunofluorescence staining with phycoerythrin conjugates of mouse IgG2b subclass monoclonal antibodies. This IgG2b-control can be used with analysis by flow cytometry or fluorescence microscopy. (see AZ_CDO.pdf) Assessment of nonspecific binding of mouse monoclonal antibodies to human blood cell surface antigens.
Suggested usage	The control antibody should be diluted to the same concentration as the test antibody, and equivalent volumes to be used.
Methods	Indirect immunofluorescence staining with analysis by flow cytometry or fluorescence microscopy.