



Sanquin

PeliCluster Granzyme B PE

Specification sheet

Art.no	M2289
Clone	CLB-GB11
	This clone has been derived from hybridisation of SP2/0 cells with spleen cells of a BALB/c mouse immunised with human Granzyme B, derived from NK cell line YT-INDY.
Isotype	Mouse IgG1.
Source	Hybridoma supernatant.
Purification	Ammoniumsulphate precipitation followed by affinity chromatography.
Conjugation	Conjugated with R-Phycoerythrin (PE). Molecular F/P ratio between 1.0 - 2.0.
Packing	Each vial contains 0.5 ml with approximately 0.2 mg/ml monoclonal antibody, stabilised in PBS.
Preservative	Sodium azide 0.1% (w/v).
Storage and stability	Monoclonal antibodies should be stored between 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 Granzyme B antigen, which is expressed in human, chimpanzee and Rhesus
Molecular mass	31 kDa.
Methods	This clone has shown to be suitable for flowcytometry.
References	<ol style="list-style-type: none">1. Spaeny-Dekking, E.H.A., et al., Extra cellular Granzyme A and B in humans: detection of native species during CTL respons in vitro and in vivo, <i>J. Immunology</i>, <u>160</u>, 3610-3616(1998).2. Wever, P.C., et al., The CD8⁺ granzyme B⁺ T-cell subset in peripheral blood from healthy individuals contains activated and apoptosis-prone cells, <i>Immunology</i>, <u>93</u>, 383-389 (1998).3. Hamann, D., et al., Phenotypic and functional separation of memory and effector human CD8⁺ T cells, <i>J.Exp.Med.</i> <u>186</u>, 9, 1407-1418, (1997).