PeliCluster CD63

Specification sheet

Art.no	M1544
Test/vial	200
Clone	CLB-gran/12, 435 This clone has been derived from hybridisation of SP2/0 cells with spleen cells of a (BALB/c x A/J) mouse immunised with human cytochrome-B enriched cells. The antibody was submitted to CD63 in the Fourth and Sixth International Workshop on Human Leukocyte Differentiation Antigens.
Isotype	Mouse IgG1.
Source	Culture supernatant.
Purification	Affinity 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 CD63 antigen (LIMP, ME491), which is expressed in platelet lysosomes and is translocated to the platelet surface upon activation with strong agonists. The antigen is also present in most peripheral blood cells (not in erythrocytes) and in many tissues; both surface and cytoplasmatic locations are reported (1).
Molecular mass	53 kDa.
Application	Study of activated platelets and thrombus imaging.
Methods	Indirect immunofluorescence staining with analysis by flow cytometry or fluorescence microscopy. (see AZ_CDO.pdf)
References	1. Modderman, P.W., Knapp, W. et al. (editors), Leukocyte Typing IV, 1042, (1989).

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