PeliCluster CD35

Specification sheet

Art.no	M2122
Test/vial	200
Clone	E11 The antibody was submitted to CD35 in the Third International Workshop on Human Leukocyte Differentiation Antigens.
Isotype	Mouse, IgG1
Source	Mouse ascites fluid.
Purification	Ammoniumsulphate precipitation and ion exchange chromatography.
Packing	Each vial contains 1 ml with approximately 0.2 mg/ml monoclonal antibody and 1 mg BSA in PBS.
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	The monoclonal antibody is directed against the CD35 antigen (CR1 antigen). CR1 is a complement component receptor with specificity for C3b, C4b and iC3b. The antigen is a 220 kDa molecule with polymorphism in a low percentage of individuals, that results in molecular forms of 250 and 220/250 kDa. The monoclonal antibody reacts with diverse cell types, like erythrocytes, B lymphocytes, monocytes, granulocytes, NK cells, follicular dendritic cells and some T cells, and kidney podocytes (1).
Molecular mass	250 kDa and 220/25 kDa.
Application	Studies of CR1 expression on viable cells by indirect immunofluorescence staining. Studies of CR1 expression by cells in frozen tissue sections by indirect immunoperoxidase staining. Studies of CR1 expression in wax sections of formol/acetic fixed tissue.
Methods	Indirect immunofluorescence staining with analysis by flow cytometry or fluorescence microscopy. (see AZ_CDO.pdf)
References	1. Hogg, N., Eur. J. Immunol., 14, 236 (1984).

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