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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti- Human CD59 (MEM-43)

Fluorochrome	Reference	Size
PE	59PEI-100T	100 test

PRODUCT DESCRIPTION

Clone: MEM-43

Isotype: IgG1

Tested application: flow cytometry

Immunogen: The anti-CD59 monoclonal antibody derives from Thymocytes and T lymphocytes.

Species reactivity: Human

Storage instruction: store in the dark at 2-8 °C

Storage buffer: aqueous buffered solution containing protein stabilizer and 0.09% sodium azide (NaN₃).

Recommended usage: Immunostep's CD59, clone MEM-43 is a monoclonal antibody intended for the identification and enumeration of CD59 protein expressed on all hematopoietic cells using flow cytometry. This reagent is effective for direct immunofluorescence staining of human tissue for flow cytometric analysis using $\leq 1 \mu\text{g}/10^6$ cells.

Presentation: liquid

Source: Supernatant proceeding from an *in vitro* cell culture of a cell hybridoma.

Purification: Affinity chromatography.

ANTIGEN DETAILS

Large description: the monoclonal antibody reacts with a PI-linked glycoprotein, a small GPI-anchored protein, found in all types of leukocytes including platelets. Antigen distribution is to be found across many hemopoietic and non-hemopoietic cells. CD59 inhibits formation of membrane attack complex (MAC), thus protecting cells from complement mediated lysis. Has a signaling role, as a GPI-anchored molecule, in T cell activation. CD59 is also an low-affinity ligand of human CD2 and causes T cell costimulation. It is thus the key regulator that preserves the autologous cells from terminal effector mechanism of the complement cascade. CD59 associates with C5b-8 complex and thereby counteracts appropriate formation of cytolytic pore within the plasma membrane.^(1,5)

Other names: 1F-5Ag, HI9, HRF20, MACIF, MIRL, P-18, PROTECTIN, Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1, EC-2.4.1.135, Beta-1,3-glucuronyltransferase 1, Glucuronosyltransferase P, G1cAT-P, UDP- G1cUA

Gene ID: 966

Molecular weight: 18-20 kDa

Please, refer to www.immunostep.com technical support for more information.

WARRANTY

Warranted only to conform to the quantity and contents stated on the label or in the product labelling at the time of delivery to the customer. Immunostep disclaims hereby other warranties. Immunostep's sole liability is limited to either the replacement of the products or refund of the purchase price.

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