



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti- Human CD59 (VJ1/12,2)

Fluorochrome	Reference	Size
Pure	59PU-OIMG	100 test
FITC	59F-100T	100 test
PE	59PE-100T	100 test
PerCP	59PP-100T	100 test
APC	59A-100T	100 test
Biotin	59B-OIMG	100 test
CF-Blue	59CFB-100T	100 test
OC515	59OC-100T	100 test

### PRODUCT DESCRIPTION

**Clone:** VJ1/12,2

**Isotype:** IgG2a

**Tested application:** flow cytometry

**Immunogen:** The anti-CD59 monoclonal antibody derives from human leukocytes.

**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 (NaN<sub>3</sub>).

**Recommended usage:** Immunostep's CD59, clone VJ1/12,2, is a monoclonal antibody intended for the identification and enumeration of CD59 protein which is 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:** This antibody reacts with the CD59-antigen, a PI-linked glycoprotein, 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. Appears to have some role in cell adhesion through CD2 (controversial).<sup>(1-4)</sup>

**Other Names:** 1F-5Ag, H19, HRF20, MACIF, MIRC, P-18, PROTECTIN, Galactosylgalactosylxylosylprotein 3-beta-glucuronosyltransferase 1, EC-2.4.1.135, Beta-1,3-glucuronosyltransferase 1, Glucuronosyltransferase P, GlcAT-P, UDP-GlcUA

**Gene ID:** 966

**Molecular weight:** 18- 20 kDa

Please, refer to [www.immunostep.com](http://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.

### REFERENCES

1. Lachmann PJ. The control of homologous lysis. *Immunol Today*1991 Sep;12(9):312-5.
2. Venneker GT, Asghar SS. CD59: a molecule involved in antigen presentation as well as downregulation of membrane attack complex. *Exp Clin Immunogenet*1992;9(1):33-47.
3. Davies A, Lachmann PJ. Membrane defence against complement lysis: the structure and biological properties of CD59. *Immunol Res*1993;12(3):258-75.
4. Liszewski MK, Farries TC, Lublin DM, Rooney IA, Atkinson JP. Control of the complement system. *Adv Immunol*1996;61:201-83.

### MANUFACTURED BY



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