



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### CD59 monoclonal antibody, clone VJ1/12.2

MSK21, p18-20

**Catalog Number:** MAB4990**Regulatory Status:** For research use only (RUO)**Product Description:** Mouse monoclonal antibody raised against native CD59.**Clone Name:** VJ1/12.2**Immunogen:** Cell preparation of human peripheral blood lymphocytes.**Host:** Mouse**Reactivity:** Human**Applications:** Flow Cyt

(See our web site product page for detailed applications information)

**Protocols:** See our web site at<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols**Form:** Liquid**Purification:** Protein A/G purification**Isotype:** IgG2a**Recommend Usage:** Flow Cytometry (20  $\mu$ L/ $10^6$  cells)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In buffer containing 1% BSA, pH 7.2 (0.09% sodium azide).**Storage Instruction:** Store in the dark at 4°C. Avoid prolonged exposure to light.**Entrez GeneID:** 966**Gene Symbol:** CD59**Gene Alias:** 16.3A5, 1F5, EJ16, EJ30, EL32, FLJ38134, FLJ92039, G344, HRF-20, HRF20, MAC-IP, MACIF, MEM43, MGC2354, MIC11, MIN1, MIN2, MIN3, MIRL,

**Gene Summary:** This gene encodes a cell surface glycoprotein that regulates complement-mediated cell lysis, and it is involved in lymphocyte signal transduction. This protein is a potent inhibitor of the complement membrane attack complex, whereby it binds complement C8 and/or C9 during the assembly of this complex, thereby inhibiting the incorporation of multiple copies of C9 into the complex, which is necessary for osmolytic pore formation. This protein also plays a role in signal transduction pathways in the activation of T cells. Mutations in this gene cause CD59 deficiency, a disease resulting in hemolytic anemia and thrombosis, and which causes cerebral infarction. Multiple alternatively spliced transcript variants, which encode the same protein, have been identified for this gene. [provided by RefSeq]