



# 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

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## Data Sheet

### CD19, Fc-Fusion (IgG1), Avi-Tag, PE-labeled

Human, Recombinant, C-terminal Fc-Avi-Tag,  
PE-Labeled

**Catalog #:** 100732

**Lot#:** 200408

**Conc.:** 1.25 mg/ml

**Formulated in:** 8 mM Phosphate, pH 7.4,  
110 mM NaCl, 2.2 mM KCl, and 20%  
glycerol.

**Stability:** At least 6 months at  $-80^{\circ}\text{C}$ . *Avoid  
freeze/thaw cycles.*

**References:**

1. Brentjens, R.J., *et al.*, *Science Translational Medicine*. 2013 Mar 2013;**5(177)**: 177.
2. Carter, R.H., *et al.*, *Science*. 1992 Apr 1992;**256(5053)**: 105-107.

**Description:** Human Cluster of Differentiation 19 (CD19), also known as B-lymphocyte surface antigen B4, Differentiation antigen CD19, T-cell surface antigen Leu-12, GenBank Accession No. NM\_001770, a.a 21-291, with C-terminal Avi-Tag™ fused to the Fc portion of Human IgG1 and labeled with phycoerythrin (PE), expressed in a HEK293 cell expression system. MW = 59 kDa. This protein runs at a higher apparent M.W. by SDS-PAGE due to glycosylation.

**Applications:** Useful for labeling cells expressing Anti-CD19 antibodies for flow cytometry and immunofluorescence microscopy.

### Quality Assurance

**4-20% SDS-PAGE  
Coomassie staining**

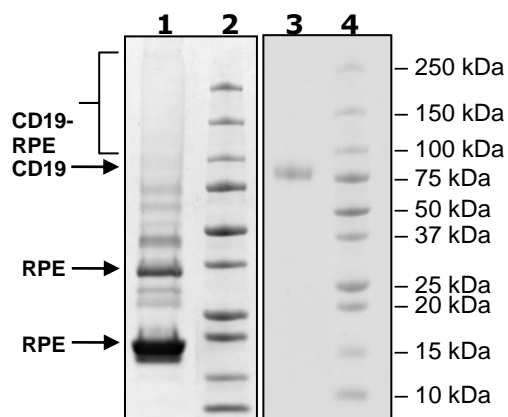
**Lane 1:**  
8  $\mu\text{g}$  CD19-RPE

**Lane 3:**  
4  $\mu\text{g}$  CD19

**Lane 2 and 4:**  
Protein Marker

**MW:** CD19 59 kDa

**Purity:**  $\geq 90\%$



OUR PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

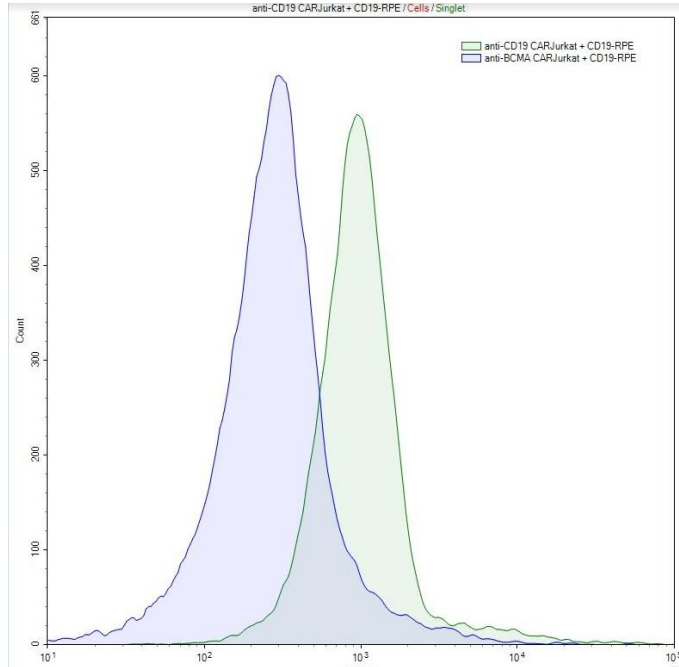
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CD19, Fc-Fusion (IgG1), Avi-Tag, PE-Labeled (BPS Bioscience #100732) was tested using FACS with Anti-BCMA CAR /NFAT (Luciferase) Reporter Jurkat Cell Line (BPS Bioscience #79694) and Anti-CD19 CAR / NFAT (Luciferase) Reporter Jurkat Cell Line (CD19 SCFV-CD28-4-1BB-CD3 $\zeta$ ) (BPS Bioscience #79853).

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