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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°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.

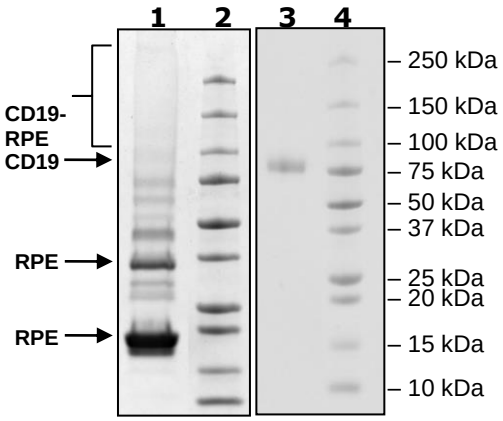
Quality Assurance

4-20% SDS-PAGE
Coomassie staining

Lane 1:
8 µg CD19-RPE
Lane 3:
4 µg CD19
Lane 2 and 4:
Protein Marker

MW: CD19 59 kDa

Purity: ≥90%



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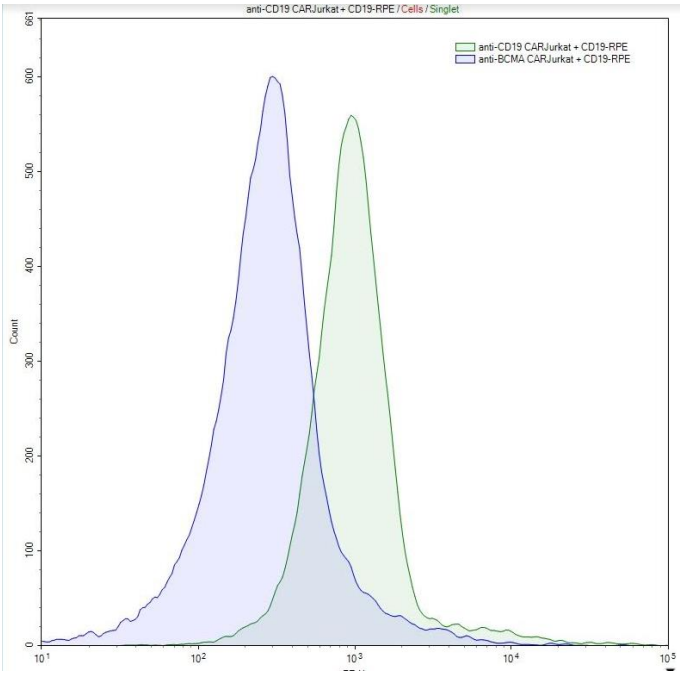

CD19, Fc-Fusion (IgG1), Avi-Tag, PE-Labeled (BPS Bioscience #100732) was tested using FACS with Anti-BCMA CAR /NFAT (Luciferase) Reporter Jurkat Cell Line (BPS Bioscience #79694) and Anti-CD19 CAR / NFAT (Luciferase) Reporter Jurkat Cell Line (CD19 SCFV-CD28-4-1BB-CD3ζ) (BPS Bioscience #79853).

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