Catalog: 101207

Lot: 211021

Product Information

Description: Biotinylated anti-CD20 IgG antibody is a purified recombinant antibody which

recognizes human CD20 antigen. This antibody has been tested for specific binding

to purified human CD20 protein.

Concentration: 1.24 mg/ml **Species:** Human

Formulated In: 8 mM phosphate, pH 7.4, 110 mM NaCl, 2.2 mM KCl, and 20% glycerol

More than 90% biotinylation

Expression System: Heavy chain (HC) and Light chain (LC) co-expressed in HEK293

Purification: Protein A affinity Format: Aqueous buffer solution

At least 12 months at -80°C. Avoid freeze/thaw cycles. Stability:

-80°C Storage:

MW: Heavy Chain: 53 kDa; Light Chain 23 kDa

Purity: ≥90%

Assay Conditions: Functional validation: The antibody was validated by ELISA using a purified CD20

antigen. The CD20 protein was coated onto a 96-well plate overnight at 4°C (50 µl/well at a concentration of 4 µg/ml in PBS). The plate was washed 3 times with Immuno Buffer 1 (BPS Bioscience #79311) and blocked using 100 µl of Blocking Buffer 2 (BPS Bioscience #79728) for 1 hour at room temperature. After removing the blocking buffer, 50 µl/well of purified biotinylated anti-CD20 antibody (BPS Bioscience #101207), serially diluted in Blocking Buffer 2, was added for 30 minutes at room temperature. After 3 more washes, the plate was incubated with Streptavidin-HRP, washed, and incubated with the Colorimetric HRP substrate. The reaction was stopped, and absorbance was read at 450 nm. The Blank value was subtracted from all values.

Applications:

This product is for research use only. It is not suitable for human diagnostic or

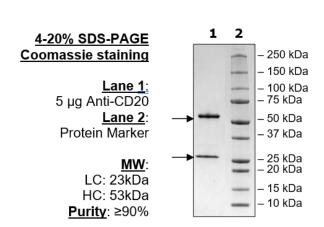
therapeutic use.

Quality Control Data

4-20% SDS-PAGE Coomassie Staining

CD20:anti CD20-Biotin Binding Assay

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