

Product Information

Anti-Biotin-CF™ Dye Conjugates

affinity isolated antibody

Product Description

Anti-Biotin-CF™ Dye conjugates are affinity-purified antibodies conjugated to fluorescent CF dyes for the detection of biotinylated proteins or nucleic acids. CF dyes are excellent alternatives to Alexa Fluor® dyes for antibody labeling, with exceptional brightness, photostability, and/or specificity. See Table 1 for absorption and emission wavelengths of CF dye antibody conjugates.

Table 1.

Spectral properties of antibody-CF dye conjugates

CF dye conjugate	λ_{Abs} (nm)	λ_{Em} (nm)
CF405S	404	431
CF488A	490	515
CF594	593	614
CF633	630	650
CF640R	642	662

Reagent

Supplied as a solution in PBS, pH ~7.4, containing 50% glycerol, 2 mg/ml bovine serum albumin (IgG-free and protease-free), and 0.05% sodium azide as a preservative.

Antibody Concentration: 2 mg/mL

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

Product remains active for about 6 months at -20 °C as an undiluted liquid. Storage of the antibody for more than a day at final working dilution is not recommended.

Product Profile

The suggested dilution range for Anti-Biotin-CF Dye conjugates for immunofluorescence and flow cytometry applications is 1–10 µg/mL.

Anti-biotin-CF dye conjugates also can be used for staining histological sections from paraffin-embedded or frozen tissues.

Note: In order to obtain the best results using various techniques and preparations, it is recommended the end user determine the optimal working dilution for their system by titration assay.

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