

Product Information

Monoclonal mouse anti-GFP-CF™ Dye conjugate affinity isolated antibody

Product Description

CF™ dye monoclonal mouse anti-GFP conjugates are affinity-purified antibodies conjugated to fluorescent CF dyes for the detection of green fluorescent protein (GFP). 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 CF dye antibody conjugates

Antibody conjugate	λ_{abs} (nm)	λ_{em} (nm)
CF488A	487	513
CF594	593	614
CF633	630	650
CF640R	642	662
CF680	681	698
CF770	770	797

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: 1 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-GFP-CF dye conjugates for immunofluorescence and flow cytometry applications is 1–10 µg/mL.

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 experimental system by titration assay.

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AKN,MAM 10/11-1