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Product Information

Monoclonal mouse anti-6X His-CF™ Dye conjugate
affinity isolated antibody

Product Description

CF™ dye monoclonal mouse anti-6X His conjugates are affinity-purified antibodies conjugated to fluorescent CF dyes for the detection of hexahistidine (6X His) epitope tag. 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
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: 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-6X His-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.

CF is a trademark of Biotium.
Alexa Fluor is a registered trademark of Invitrogen.

AKN,MAM 09/11-1