

Anti-Fluorescein [4-4-20 (enhanced)] Standard Size Ab00102-19.0

This antibody does not have a J-chain and is monomeric, i.e. it presents with two Fab arms and one Fc domain.

This reformatted mouse antibody was made using the variable domain sequences of the original Mouse IgG2a format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgA, Kappa

Clone Number: 4-4-20 (enhanced)

Alternative Name(s) of Target: FITC; fluorescyl; fluoresceine; FL

UniProt Accession Number of Target Protein: n/a

Published Application(s): negative control

Published Species Reactivity: n/a

Immunogen: Fluorescein I-bovine serum albumin (FII-BSA).

Specificity: Fluorescein labelled proteins.

Application Notes: This antibody is not conjugated to fluorescein, but was raised against fluorescein. This antibody can be used as an isotype control in both in vitro and in vivo applications.

Antibody First Published in: Jung S, Honegger A, Plückthun A. Selection for improved protein stability by phage display. J Mol Biol. 1999 Nov 19;294(1):163-80. [PMID:10556036](#)

Note on publication: Describes the use of phage display to improve 4-4-20 variable domain, including a 20-fold better binding constant.

Product Form

Size: 50 µg Purified antibody.

Purification: Affinity Purified using a recombinant lectin column

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic

procedures for humans or animals.