

## Anti-Fluorescein [4-4-20 (enhanced)] Standard Size Ab00102-10.2

This antibody has a mutation to remove the CH2 IgG glycosylation site.

This is a chimeric antibody created for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human IgG1, Aglycosylated, 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:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**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.