

## Anti-Fluorescein [4-4-20 (enhanced)] Standard Size Ab00102-9.4

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a chimeric antibody created as part of a panel offering antibodies of the same specificity in different formats (species, isotype, subtype and modified versions) for use as isotype controls.

**Isotype and Format:** Rat IgG2c, Fc Silent™, 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.