

Anti-Beta-Tubulin [S11B] Standard Size Ab00404-1.4

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

This full-length, chimeric mouse antibody was made using the variable domain sequences of the original Human scFv format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG1, [Fc Silent™](#), Lambda

Clone Number: S11B

Alternative Name(s) of Target: TUBB

UniProt Accession Number of Target Protein: Q13509

Published Application(s): WB, ELISA

Published Species Reactivity: Human

Immunogen: Human MBP (microtubule-binding protein).

Specificity: Binds specifically to human beta-tubulin (no crossreactivity with alpha-tubulin).

Application Notes: This antibody binds to beta-tubulin. Tubulin is the major constituent of microtubules. The beta-chain has an exchangeable GTP-binding site.

Antibody First Published in: Nizak et al. Recombinant antibodies against subcellular fractions used to track endogenous Golgi protein dynamics in vivo. Trafficking 2003; 4(11):739-753 [PMID:14617357](#)

Note on publication: Describes the generation of several scFvs against a variety of intracellular components with the aim of identifying an anti-Giantin antibody.

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.