

Anti- β tubulin (*S.pombe*) antibody, affinity purified (rabbit polyclonal)

63-160 100 μ g

Tubulin is the major constituent of microtubules. There are three members (α , β , γ) and two subtypes (δ , ϵ) in the tubulin family. Of these members, beta tubulin (449 aa, 51 kDa) is found at microtubule organizing centers (MTOC) such as the spindle poles or the centrosome, suggesting that it is involved in the minus-end nucleation of microtubule assembly during cell cycle.

Applications

- 1) Western blotting (1,000 fold dilution)
- 2) Immunofluorescent staining (assay dependent)

Reactivity: Reacts specifically with β -tubulin of

Schizosaccharomyces pombe. Not tested with other species.

Immunogen: *S.pombe* β -tubulin C-terminal peptide,

C-YEIEEEEKEPLEY-OH

Purification: Affinity purified with the immunogen peptide

Form: 1 mg/ml in PBS, 50% glycerol. Filter-sterilized

Storage: Shipped at 4°C or -20°C. Upon arrival aliquot and store at -20°C.

Data Link UniProtKB/Swiss-Prot [P05219](https://www.uniprot.org/uniprot/P05219) (TBB_SCHPO)

Reference : This antibody was made by Dr. H. Masuda and used in the following reference .

Fedyanina, O.S., et al "Tubulin heterodimers remain functional for one cell cycle after the inactivation of tubulin-folding cofactor D in fission yeast cells." *Yeast* 26,: 235-247(2009)

[DOI:10.1002/yea.1663](https://doi.org/10.1002/yea.1663) (WB)

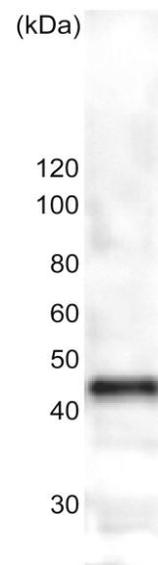


Fig. Western blot analysis of β tubulin in the whole cell extracts of *S. pombe* (10 μ g).

Ant- β tubulin antibody: 1,000 fold dilution