

Anti- β III-Tubulin Antibody



Product Details

Available Variants	100 μ L (SKU:TP1811)
Conjugate	Unconjugated
Isotype	IgG
Gene Name	TUBB3
Host Species	Rabbit
Format	Antigen Affinity Purified
Physical State	Liquid
Buffer	PBS + 1 mg/ml BSA, 0.05% NaN ₃ and 50% glycerol
Applications	ELISA, ICC, WB
Dilution Ranges	WB: 1:1000 ICC: 1:100
Species Reactivity	Human, Mouse, Rat
Immunogen	Unphosphorylated β III-Tubulin synthetic peptide (coupled to KLH) corresponding to amino acid residues around serine 444 of human β III-Tubulin. This sequence is not found in β I or β II-Tubulin isotypes, but is well conserved in β III-Tubulins from rat and mouse.
Specificity	This antibody was cross-adsorbed to phospho- β III-Tubulin (Ser-444) peptide before affinity purification using unphosphorylated β III-Tubulin (Ser-444) peptide (without carrier). The antibody detects a 50 kDa* protein corresponding to the molecular mass of unphosphorylated β III-Tubulin on SDS-PAGE immunoblots of purified brain tubulin and mouse brain tissue.
Molecular Weight	50
Quality Control	Western blots performed on each lot.
Storage	Storage at -20°C is recommended, as aliquots may be taken without freeze/thawing due to presence of 50% glycerol. Stable for at least 1 year at

-20°C.

UniProt ID Q13509

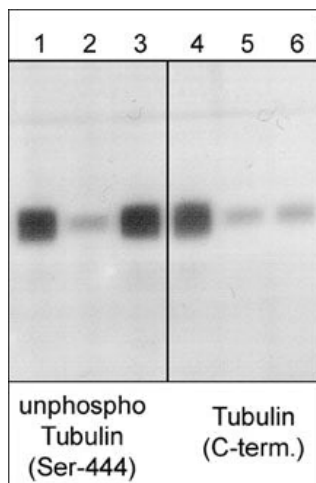
Country of Origin United States

Shipping Blue Ice

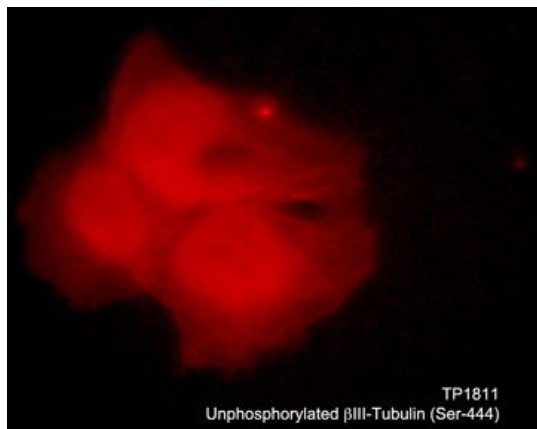
Expiration After date of receipt, stable for at least 1 year at -20°C.

Usage Statement For research use only. Not intended for therapeutic or diagnostic use. Use of all products is subject to our terms and conditions, which can be viewed on our website.

Product Images



Western blot analysis of mouse brain. The blot was probed with anti-unphosphorylated β III-Tubulin (Ser-444) (lanes 1-3) and anti- β III-Tubulin (C-terminus) (lanes 4-6) polyclonal antibodies. Both antibodies were used in the presence of unphosphorylated β III-Tubulin (Ser-444) peptide (lanes 2 & 5; TX1815) and phospho- β III-Tubulin (Ser-444) peptide (lanes 3 & 6; TX1695).



Immunocytochemical labeling of β -tubulin in aldehyde fixed and NP-40 permeabilized human NCI-H1299 lung carcinoma cells. The cells were labeled with rabbit polyclonal anti-unphosphorylated β -Tubulin (TP1811). The antibody was detected using goat anti-rabbit DyLight® 594.



Created on 01. September 2026 | All information without guarantee