

beta Tubulin 3/ Tuj1 antibody [GT886]

Cat. No. GTX631830

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IHC-P, IHC-Fr, IP
Reactivity	Human, Mouse, Rat

★★★★★ Review (1)

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000
IP	1:100-1:500

Not tested in other applications.

Calculated MW 50 kDa. ([Note](#))

Product Note beta III Tubulin antibody [GT886] specifically recognizes endogenous levels of beta III Tubulin based on the immunogen sequence.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human beta Tubulin 3/ Tuj1. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

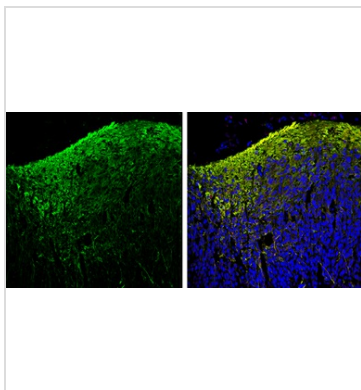


For full product information, images and publications, please visit our [website](#).

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES

GTX631830 IHC-Fr Image

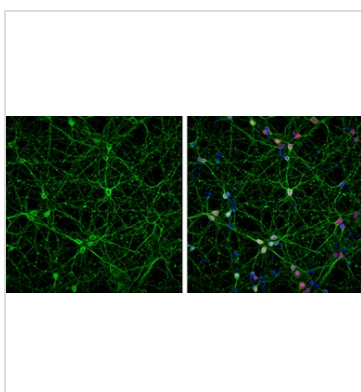
beta Tubulin 3/ TUJ1 antibody [GT886] detects beta Tubulin 3/ TUJ1 protein expression by immunohistochemical analysis.

Sample: Frozen sectioned E13.5 Rat brain.

Green: beta Tubulin 3/ TUJ1 protein stained by beta Tubulin 3/ TUJ1 antibody [GT886] (GTX631830) diluted at 1:250.

Red: beta Tubulin 3/ TUJ1, a mature neuron marker, stained by beta Tubulin 3/ TUJ1 antibody (GTX129913) diluted at 1:250.

Blue: Fluoroshield with DAPI (GTX30920).


GTX631830 ICC/IF Image

beta Tubulin 3/ Tuj1 antibody [GT886] detects beta Tubulin 3/ Tuj1 protein at cytoplasm by immunofluorescent analysis.

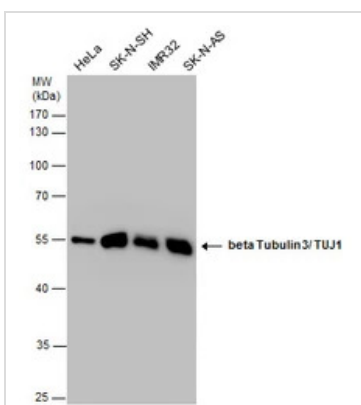
Sample: DIV9 rat E18 primary cortical neurons were fixed in 4% paraformaldehyde at RT for 15 min.

Green: beta Tubulin 3/ Tuj1 protein stained by beta Tubulin 3/ Tuj1 antibody [GT886] (GTX631830) diluted at 1:500.

Red: NeuN, stained by NeuN antibody (GTX132974) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTX30920).

The staining pattern is based on the publication:[PMID: 30390091](https://pubmed.ncbi.nlm.nih.gov/30390091/)


GTX631830 WB Image

beta Tubulin 3/ TUJ1 antibody detects beta Tubulin 3/ TUJ1 protein by western blot analysis. Various whole cell extracts (20 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with beta Tubulin 3/ TUJ1 antibody (GTX631830) diluted at a dilution of 1:1000.



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