

## beta Tubulin 3/ Tuj1 antibody [GT886]

Cat. No. GTX631830

|                     |                               |
|---------------------|-------------------------------|
| <b>Host</b>         | Mouse                         |
| <b>Clonality</b>    | Monoclonal                    |
| <b>Isotype</b>      | IgG1                          |
| <b>Applications</b> | WB, ICC/IF, IHC-P, IHC-Fr, IP |
| <b>Reactivity</b>   | 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

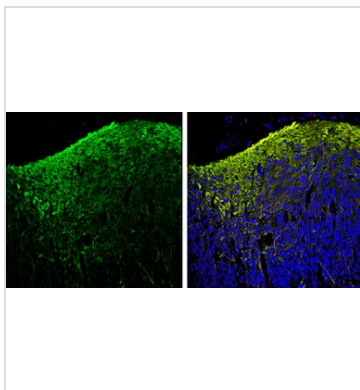
|                      |  |
|----------------------|--|
| <b>Form</b>          | Liquid   |
| <b>Buffer</b>        | PBS, 20% Glycerol  |
| <b>Preservative</b>  | No preservatives   |
| <b>Storage</b>       | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| <b>Concentration</b> | 0.8 mg/ml (Please refer to the vial label for the specific concentration.)   |
| <b>Immunogen</b>     | Carrier-protein conjugated synthetic peptide encompassing a sequence within the C-terminus region of human beta Tubulin 3/ Tuj1. The exact sequence is proprietary.  |
| <b>Purification</b>  | Purified by antigen-affinity chromatography.   |
| <b>Conjugation</b>   | 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**

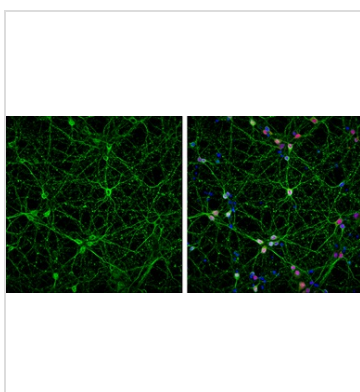
beta Tubulin 3/ TUJ1 antibody [GT886] detects beta Tubulin 3/ TUJ1 protein expression by immunohistochemical analysis.

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.

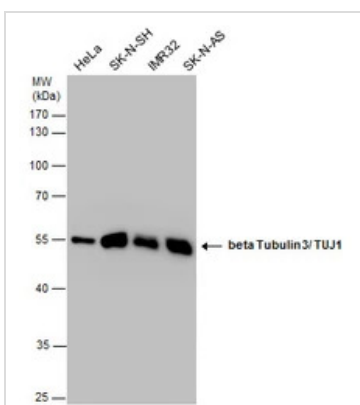
Sample: DIV9 rat E18 primary cortical neurons were fixed in 4% paraformaldehyde at RT for 15 min.

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.



For full product information, images and publications, please visit our [website](https://www.genetex.com).