

beta Tubulin 3/ Tuj1 antibody [GT11710]

Cat. No. GTX631836

| Host | Mouse |
|--------------|-------------------------------|
| Clonality | Monoclonal |
| Isotype | lgG2b |
| Applications | WB, ICC/IF, IHC-P, IHC-Fr, IP |
| Reactivity | Human, Mouse, Rat, Fish |



Applications

Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB | 1:500-1:20000 |
| 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. (<u>Note</u>) |
|---------------|--|
| Product Note | beta III Tubulin antibody [GT11710] 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 | Affinity purified by Protein A. |
| Conjugation | Unconjugated |



For full product information, images and publications, please visit our <u>website</u>.

Date 2025 / 12 / 02 Page 1 of 2

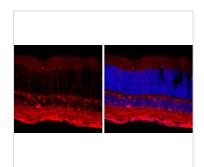


For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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



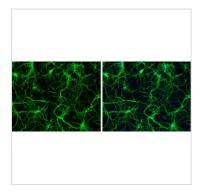
GTX631836 IHC-Fr Image

beta Tubulin 3/ TUJ1 antibody [GT11710] detects beta Tubulin 3/ TUJ1 protein by immunohistochemical analysis.

Sample: Frozen sectioned adult mouse retina.

Red: beta Tubulin 3/ TUJ1 protein stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (GTX631836) diluted at 1:250.

Blue: Fluoroshield with DAPI (GTX30920).



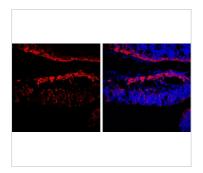
GTX631836 ICC/IF Image

beta Tubulin 3/TUJ1 antibody [GT11710] detects beta Tubulin 3/TUJ1 protein expression by immunofluorescent analysis.

Sample: Cultured rat E18 primary hippocampal neuron. Cells were fixed in 4% paraformaldehyde at RT for 15 min

Green: beta Tubulin 3/ TUJ1 protein stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (GTX631836) diluted at 1:250.

Blue: Fluoroshield with DAPI (GTX30920).



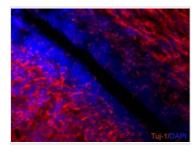
GTX631836 IHC-Fr Image

beta Tubulin 3/ TUJ1 antibody [GT11710] detects beta Tubulin 3/ TUJ1 protein by immunohistochemical analysis.

Sample: Frozen sectioned E13.5 rat brain.

Red: beta Tubulin 3/ TUJ1 protein stained by beta Tubulin 3/ TUJ1 antibody [GT11710] (GTX131836) diluted at 1:250.

Blue: Fluoroshield with DAPI (GTX30920).



GTX631836 IHC-Fr Image

beta III Tubulin antibody [GT11710] detects beta III Tubulin proteins on embryonic mouse brain by immunohistochemical analysis.

Sample:Frozen section of embryonic mouse brain (mE18.5).

Red: beta III Tubulin antibody [GT11710] (GTX631836) diluted at 1:500.

Blue: DAPI



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Date 2025 / 12 / 02 Page 2 of 2

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