

## beta Tubulin 3/ Tuj1 antibody

Cat. No. GTX129913

|                     |                    |
|---------------------|--------------------|
| <b>Host</b>         | Rabbit             |
| <b>Clonality</b>    | Polyclonal         |
| <b>Isotype</b>      | IgG                |
| <b>Applications</b> | WB, ICC/IF, IHC-Fr |
| <b>Reactivity</b>   | Human, Mouse, Rat  |

References ( 2 )





 Review ( 1 )

Package

100 µl, 25 µl

## Applications

## Application Note

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

| Suggested dilution | Recommended dilution |
|--------------------|----------------------|
| WB                 | 1:5000-1:20000       |
| ICC/IF             | 1:100-1:1000         |
| IHC-Fr             | 1:100-1:1000         |

Not tested in other applications.

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

## Properties

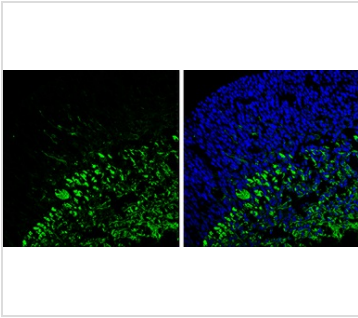
|                      |                                                                                                                                                                                                                            |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Form</b>          | Liquid                                                                                                                                                                                                                     |
| <b>Buffer</b>        | PBS, 20% Glycerol                                                                                                                                                                                                          |
| <b>Preservative</b>  | 0.025% ProClin 300                                                                                                                                                                                                         |
| <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> | 0.17 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                                                                                                                                                                                                               |

## Note

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

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.

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

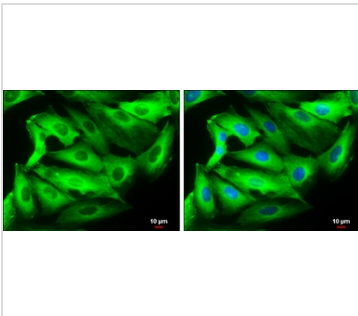
**DATA IMAGES**

**GTX129913 IHC-Fr Image**

beta Tubulin 3/ TUJ1 antibody 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 (GTX129913) diluted at 1:250.

Blue: Fluoroshield with DAPI (GTX30920).


**GTX129913 ICC/IF Image**

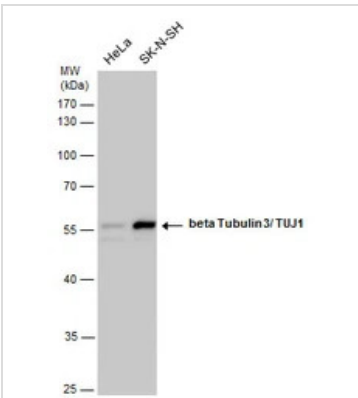
beta Tubulin 3/ Tuj1 antibody detects beta Tubulin 3/ Tuj1 protein at cytoskeleton by immunofluorescent analysis.

Sample: SK-N-SH cells were fixed in 4% paraformaldehyde at RT for 15 min.

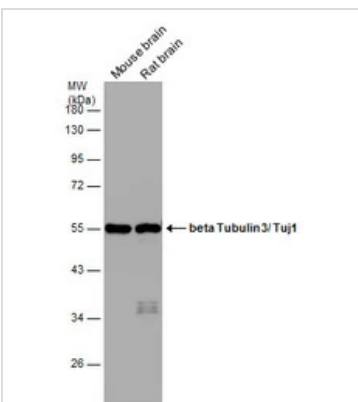
Green: beta Tubulin 3/ Tuj1 protein stained by beta Tubulin 3/ Tuj1 antibody (GTX129913) diluted at 1:1000.

Blue: Hoechst 33342 staining.

Scale bar = 10 μm.


**GTX129913 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 (GTX129913) diluted at a dilution of 1:10000.


**GTX129913 WB Image**

Various tissue extracts (10 μg) were separated by 10% SDS-PAGE, and the membrane was blotted with beta Tubulin 3/ Tuj1 antibody (GTX129913) diluted at 1:10000.



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