

## beta Tubulin 3/ Tuj1 antibody [SDL.3D10]

**Cat. No. GTX11314**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2b
<b>Applications</b>	WB, ICC/IF, ELISA
<b>Reactivity</b>	Human, Rat, Bovine, Pig

**Package**  
100 µl

## Applications

**Application Note**

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

Suggested dilution	Recommended dilution
WB	1:400
ICC/IF	Assay dependent
ELISA	Assay dependent

**Note : using MDCK cells fixed in methanol**

Not tested in other applications.

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

The antibody specifically recognizes an epitope located on isotype III of  $\beta$ -tubulin. No cross-reactivity with other tubulin isotypes is observed. The antibody can stimulate microtubule assembly when reconstituted with tubulin and either tau or MAP2.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	Ascites
<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>Immunogen</b>	synthetic peptide corresponding to the C-terminal sequence of human $\beta$ -tubulin isotype III coupled to BSA
<b>Purification</b>	Unpurified
<b>Conjugation</b>	Unconjugated



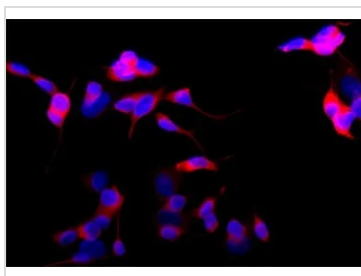
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**Note**

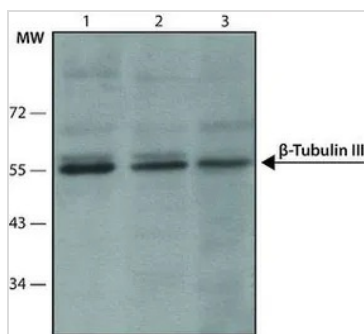
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DATA IMAGES



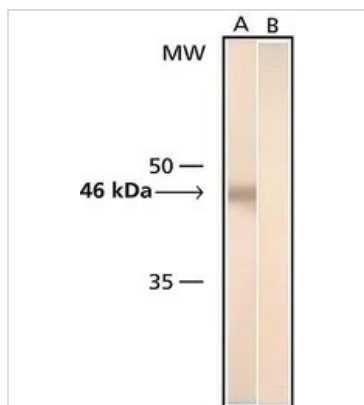
**GTX11314 ICC/IF Image**

ICC/IF analysis of SH-SY-5Y cells using GTX11314 beta Tubulin 3/ Tuj1 antibody [SDL3D10] at 1:400 (pink) with DAPI (blue). Cells were fixed and permeabilized with methanol followed by methanol:acetone.



**GTX11314 WB Image**

WB analysis of (1)U87 (2) MDBK (3) rat2 cell lysate using GTX11314 beta Tubulin 3/ Tuj1 antibody [SDL3D10] at 1:400 .



**GTX11314 WB Image**

WB analysis of rat brain cytosol extract using GTX11314 beta Tubulin 3/ Tuj1 antibody [SDL3D10].  
Lane A : Antibody dilution 1:400  
Lane B : Negative control (only secondary antibody)



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