

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

Cat. No. GTX11314

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Application	WB, ICC/IF, ELISA
Reactivity	Human, Rat, Bovine, Pig

Package  
100 µl

## APPLICATION

## 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. ( <a href="#">Note</a> )
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

Form	Liquid
Buffer	Ascites
Preservative	No preservative
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.
Immunogen	synthetic peptide corresponding to the C-terminal sequence of human $\beta$ -tubulin isotype III coupled to BSA
Purification	Unpurified
Conjugation	Unconjugated



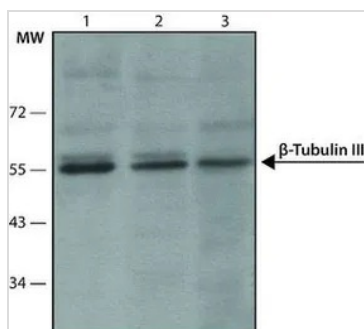
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## Note

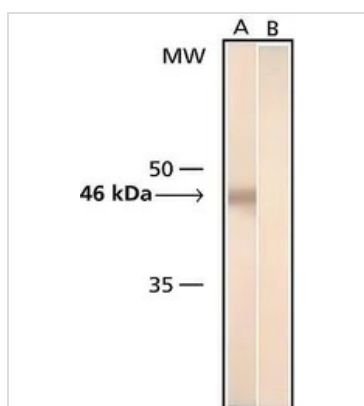
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## DATA IMAGES



### 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 .

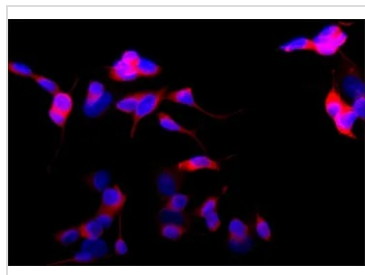


### GTX11314 WB Image

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)



### 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.



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