

beta Tubulin antibody [D66]

Cat. No. GTX11307

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, IP, ELISA
Reactivity	Human, Mouse, Rat, Rabbit, Bovine, Dog, Hamster, Chicken, Monkey, Chlamydomonas reinhardtii, Dinoflagellate, Sea Urchin

References (4)

Package

100 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	0.5-1.0 µg/ml
ICC/IF	Assay dependent
IP	Assay dependent
ELISA	Assay dependent

Not tested in other applications.

Calculated MW	50 kDa. (Note)
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Product Note

Recognizes all mouse brain β -tubulin isoforms (β and β' subpopulations), and sea urchin β 2-tubulin. The epitope recognized by the antibody is localized in the C-terminal region of β -tubulin (amino acids 427-432 in sea urchin β 2-tubulin).

Properties

Form	Liquid
Buffer	PBS, 1% BSA
Preservative	15mM Sodium azide
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	sea urchin (<i>Lytechinus pictus</i>) sperm axonemal proteins.
Purification	Purified immunoglobulin
Conjugation	Unconjugated



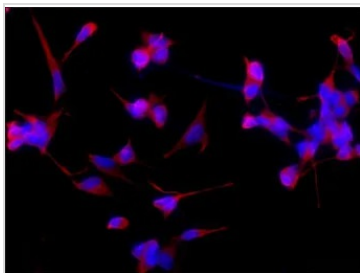
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Note

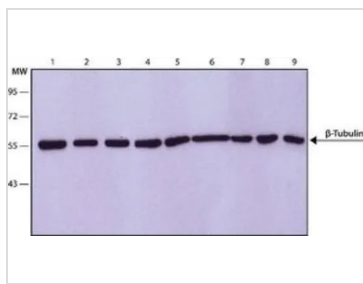
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DATA IMAGES



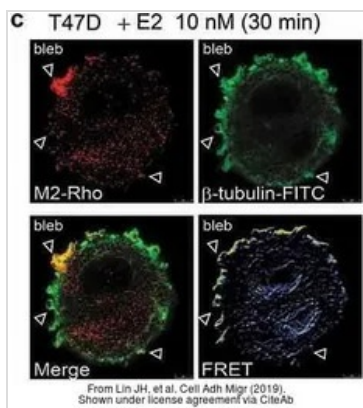
GTx11307 ICC/IF Image

ICC/IF analysis of SH-SY-5Y cells using GTx11307 beta Tubulin antibody [D66] at 0.5 µg/mL (red) with DAPI (blue). Cells were fixed and permeabilized with methanol followed by methanol:acetone.



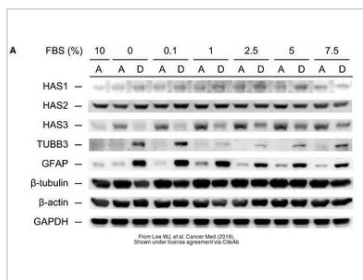
GTx11307 WB Image

WB analysis of (1) HeLa, (2) U87, (3) P19, (4) Neuro-2a, (5) PC-12, (6) COS-7, (7) CHO, (8) MDBK and (9) MDCK lysates using beta Tubulin antibody [D66] at of 1 µg/ml.



GTx11307 ICC/IF Image

The data was published in the journal Cell Adh Migr in 2019. [PMID: 30744493](https://pubmed.ncbi.nlm.nih.gov/30744493/)



GTx11307 WB Image

The data was published in the journal Cancer Med in 2019. [PMID: 31274246](https://pubmed.ncbi.nlm.nih.gov/31274246/)



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