

## Anti-TUBB3 antibody (C-Term) [M7] (STJ97037)

STJ97037

### GENERAL INFORMATION

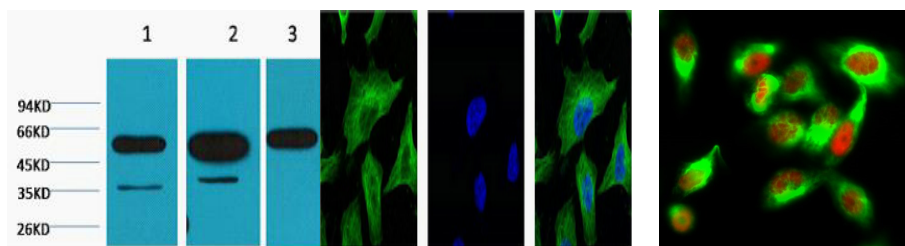
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Mouse monoclonal antibody anti-Tubulin Beta-3 Chain (C-Term) is suitable for use in Western Blot, Immunofluorescence and Immunocytochemistry research applications.
<b>Applications</b>	WB, IF, ICC
<b>Host/Source</b>	Mouse
<b>Reactivity</b>	Human, Mouse, Rat

### PRODUCT PROPERTIES

<b>Clonality</b>	Monoclonal
<b>Clone ID</b>	M7
<b>Concentration</b>	1 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
<b>Dilution Range</b>	WB 1:5000 10000 IF 1:100-200
<b>Formulation</b>	PBS, pH 7.4, 0.5% BSA, 0.02% Sodium Azide and 50% Glycerol.
<b>Isotype</b>	IgG1
<b>Storage Instruction</b>	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

### TARGET INFORMATION

<b>Gene ID</b>	10381
<b>Gene Symbol</b>	TUBB3
<b>Uniprot ID</b>	TBB3_HUMAN
<b>Immunogen</b>	Synthetic peptide of Beta-tubulin
<b>Immunogen Region</b>	C-Term
<b>Specificity</b>	TUBB3 monoclonal antibody (Tubulin Beta-3 Chain) binds to endogenous Tubulin Beta-3 Chain at the amino acid region C-Term.
<b>Immunogen Sequence</b>	



Western blot analysis of 1) Hela, 2) Mouse Brain tissue, 3) Rat Brain tissue, diluted at 1:5000.

IF analysis of Hela with antibody (Left) and DAPI (Right) diluted at 1:100.

Immunofluorescence analysis of Hela cell. 1, ERK 1/2 (phospho Tyr222/205) Polyclonal Antibody (red) was diluted at 1:200 (4°C overnight). Beta-tubulin monoclonal antibody (M7) (green) was diluted at 1:200 (4°C overnight). 2, Goat Anti Rabbit Alexa Fluor 594 Catalog: NA was diluted at 1:1000 (room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 Catalog: NA was diluted at 1:1000 (room temperature, 50min).

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
St John's Laboratory Ltd, Knowledge Dock Business Centre, University Way, London, E16 2RD | Tel: 0208 223 3081