

## TUBB3-specific antibody

### Product Information

Catalog No.:	FNab09890
Size:	100µg
Form:	liquid
Purification:	protein A+G purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	2A10
IsoType:	IgG1
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

TUBB3, the class III  $\beta$  tubulin or Tuj1, is selectively expressed in testis and neurons of the central and peripheral nervous system. It has been widely used as a marker for neurons. Aberrant expression of TUBB3 has also been found in various tumors of non-neural origin and can be used as a biomarker for cancer aggressiveness and a marker for the tendency to respond poorly to chemotherapy. This antibody is specific to TUBB3 but not cross-react with other tubulin isoforms.

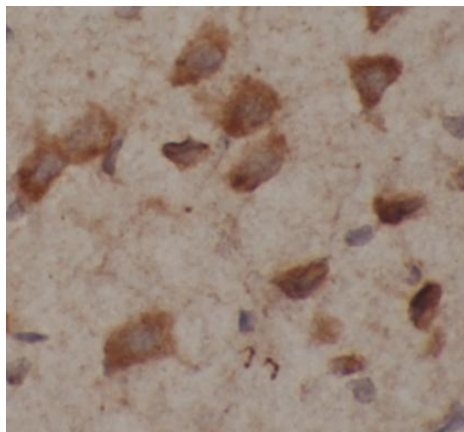
### Immunogen information

Immunogen:	tubulin, beta 3
Synonyms:	Tubulin beta-3 chain Tubulin beta-4 chain Tubulin beta-III TUBB3 TUBB4
Observed MW:	50-55 kDa
Uniprot ID :	Q13509

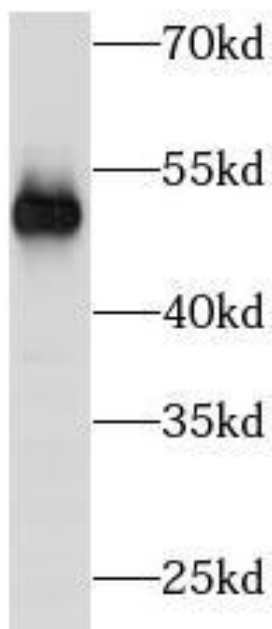
### Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF
Recommended dilution:	WB: 1:5000-1:30000; IHC: 1:50-1:300; IF: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded mouse brain tissue slide using FNab09890 (TUBB3 specific antibody) at dilution of 1:200



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with FNab09890(TUBB3 specific antibody) at dilution of 1:30000