

## Beta Tubulin antibody

### Product Information

Catalog No.:	FNab09105
Size:	100µg
Form:	liquid
Purification:	Protein A+G purification
Purity:	≥95% as determined by SDS-PAGE
Host:	Mouse
Clonality:	monoclonal
Clone ID:	8A10
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

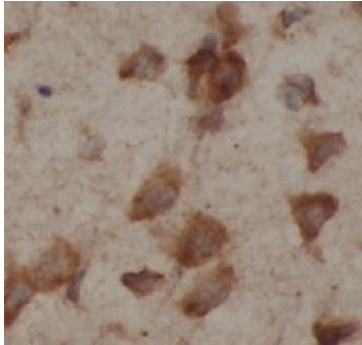
There are five tubulins in human cells: alpha, beta, gamma, delta, and epsilon. Tubulins are conserved across species. They form heterodimers, which multimerize to form a microtubule filament. An alpha and beta tubulin heterodimer is the basic structural unit of microtubules. The heterodimer does not come apart, once formed. The alpha and beta tubulins, which are each about 55 kDa MW, are homologous but not identical. Alpha and beta tubulins have been widely used as loading controls. Tubulin expression may vary according to resistance to antimicrobial and antimetabolic drugs.

### Immunogen information

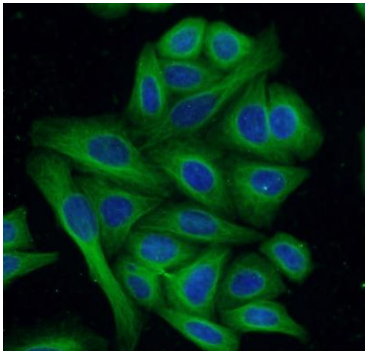
Immunogen:	tubulin, beta 3
Synonyms:	Tubulin beta-3 chain Tubulin beta-4 chain Tubulin beta-III TUBB3 TUBB4
Observed MW:	50 kDa
Uniprot ID :	Q13509

### Application

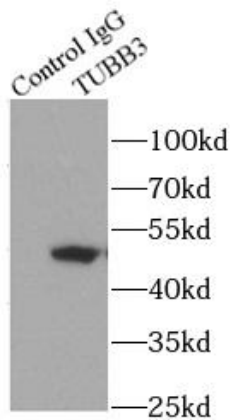
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC, IF, IP
Recommended dilution:	WB: 1:10000-1:50000; IF: 1:20-1:200; IP: 1:500-1:2000; IHC: 1:50-1:500
Image:	



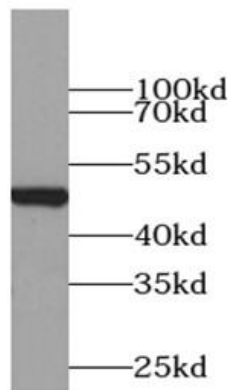
Immunohistochemistry of paraffin-embedded human brain tissue slide using FNab09105(Tubulin-beta Antibody) at dilution of 1:400



Immunofluorescent analysis of HepG2 cells using FNab09105 ( Tubulin-beta Antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L)



IP Result of anti-Tubulin-beta (IP: FNab09105, 5ug; Detection: FNab09105 1:1000) with HeLa cells lysate 880ug.



RAW 264.7 cells were subjected to SDS PAGE followed by western blot with FNab09105(Tubulin-beta Antibody) at dilution of 1:10000