Ablumir
Built Around Immunology

Anti-γ-Tubulin Mouse mAb [97G29]

Catalog No.: A32088

Basic Information

Catalog No. (Cat.No.)	A32088
Host species	Mouse
Reactivity	Human
Applications	WB,IF,ELISA
Synonyms	γ-Tubulin,Tubulin gamma-1 chain,Gamma-1-tubulin,Gamma-tubulin complex component 1,GCP-1

Product Information

Target	γ-Tubulin
Molecular Weight(Calculated)	50 kDa
Molecular Weight(Observed)	48 kDa
Isotype	IgG2b,Kappa
Conjugation	NA
Concentration	1 mg/ml
Clonality	Monoclonal
Clone No.	97G29
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

Ablumir
Built Around Immunology

Product Usage Information

Application	Dilution
WB	1:500-1:2000
IF	1:100-1:500
ELISA	1:1000-1:5000

Target Information

Protein Name	Tubulin gamma-1
Gene Name	*TUBG1*
Domain	human Tubulin γ, aa 350-451
Background	γ-Tubulin localizes to centrosomes and acts as core component of γ-TuRC microtubule-nucleation complex, initiating microtubule assembly. It concentrates at centrosomes during interphase and organizes spindle poles in M-phase to govern spindle-microtubule formation. γ-Tubulin is well-established centrosome marker. Dysfunction of γ-tubulin causes spindle defects and chromosome-segregation errors, driving genomic instability.