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Anti-γ-Tubulin Mouse mAb [89B27]

Catalog No.: A33046

Basic Information

Catalog No. (Cat.No.)	A33046
Host species	Mouse
Reactivity	Human,Mouse,Rat
Applications	WB,ELISA
Synonyms	γ-Tubulin,TUBG,GCP-1,CDCBM4,TUBGCP1

Product Information

Target	γ-Tubulin
Molecular Weight(Calculated)	51 kDa
Molecular Weight(Observed)	NA
Isotype	IgG
Conjugation	NA
Concentration	1 mg/ml
Clonality	Monoclonal
Clone No.	89B27
RRID	NA
Storage buffer	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

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Product Usage Information

Application	Dilution
WB	1:1000-1:2000
ELISA	1:5000-1:20000

Target Information

Protein Name	Tubulin gamma-1
Gene Name	*TUBG1*
Domain	Full length
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.