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Anti-γ-Tubulin Rabbit mAb [28H29]

Catalog No.: A52354

Basic Information

Catalog No. (Cat.No.)	A52354
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IP,IF,ELISA
Synonyms	γ-Tubulin,TUBG1

Product Information

Target	γ-Tubulin
Molecular Weight(Calculated)	51 kDa
Molecular Weight(Observed)	51 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	28H29
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

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Product Usage Information

Application	Dilution
WB	1:2000-1:10000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Tubulin gamma-1
Gene Name	*TUBG1*
Domain	NA
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.