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Anti-γ-Tubulin Rabbit pAb (A72220)

Catalog No.: A72220

Basic Information

Catalog No. (Cat.No.)	A72220
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	IHC,IF,ELISA
Synonyms	γ-Tubulin,Tubulin gamma-1,TUBG1

Product Information

Target	γ-Tubulin
Molecular Weight(Calculated)	NA
Molecular Weight(Observed)	NA
Isotype	IgG
Conjugation	NA
Concentration	1 mg/ml
Clonality	Polyclonal
Clone No.	NA
RRID	NA
Storage buffer	50% Glycerol, 0.5% BSA and 0.02% 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
IHC	1:50-1:200
IF	1:50-1:200
ELISA	1:10000-1:20000

Target Information

Protein Name	Tubulin gamma-1
Gene Name	*TUBG1*
Domain	human Tubulin gamma, aa 380-440
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.