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Anti-βIII-Tubulin Rabbit mAb [27B31]

Catalog No.: A52352

Basic Information

Catalog No. (Cat.No.)	A52352
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	βIII-Tubulin,TUBB3,TUBB4,Tubulin beta-3 chain,Tubulin beta-4 chain,Tubulin beta-III

Product Information

Target	βIII-Tubulin
Molecular Weight(Calculated)	50 kDa
Molecular Weight(Observed)	50 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	27B31
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
IHC	1:1000-1:5000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	β3-tubulin
Gene Name	*TUBB3*
Domain	NA
Background	β3-Tubulin (TUBB3) is β-tubulin isoform, neuron-specific cytoskeletal protein that assembles neuronal microtubules and regulates axon outgrowth, neuronal migration and differentiation. Predominantly expressed in mature neurons, β3-Tubulin serves as classic neuronal biomarker. Aberrant TUBB3 overexpression in tumours confers reduced sensitivity to microtubule-targeting chemotherapeutics and correlates with clinical drug resistance.