

β III Tubulin Rabbit mAb (AR1833)

Key Features

Host Species:	Rabbit
Reactivity:	Human,Mouse,Rat
Applications:	WB,IHC,IF,IP,ELISA
Isotype:	IgG,Kappa
MW:	50kDa (Calculated) 50kDa (Observed)

Recommended Dilution Ratios

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

Storage -15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Endogenous
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Target Information

Gene name	TUBB3
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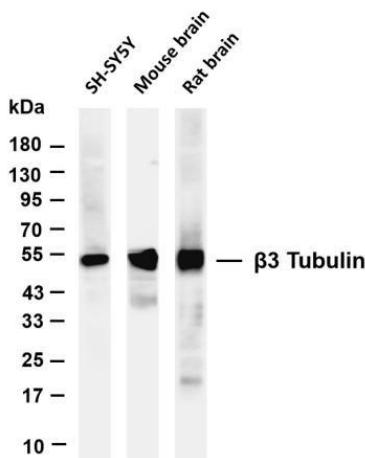
Protein Name	Tubulin beta-3 chain
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Organism	Gene ID	UniProt ID
Human	10381	Q13509
Mouse	22152	Q9ERD7
Rat	246118	Q4QRB4

Cellular Localization	Cytoplasm
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Tissue specificity	Expression is primarily restricted to central and peripheral nervous system. Greatly increased expression in most cancerous tissues.
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Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti- β 3 Tubulin antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

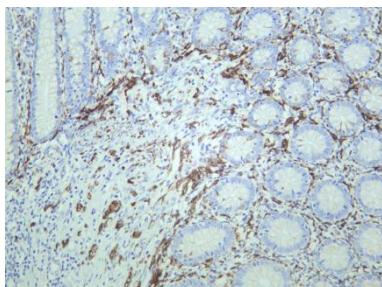
Lane 1: SH-SY5Y

Lane 2: Mouse brain

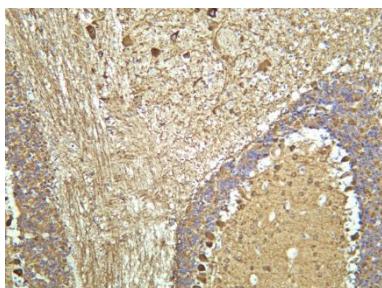
Lane 3: Rat brain

Predicted band size: 50kDa

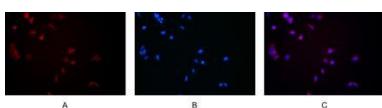
Observed band size: 50kDa



Human appendix was stained with anti- β 3 Tubulin rabbit antibody.



Mouse brain was stained with anti- β 3 Tubulin rabbit antibody.



Immunofluorescence analysis of HEK293.

Picture A: β 3 Tubulin antibody (red).

Picture B: DAPI (blue).

Picture C: Merge of A+B

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