

Product datasheet for **TA324326**

beta V Tubulin (TUBB) Mouse Monoclonal Antibody [Clone ID: 87CT59.3.7]

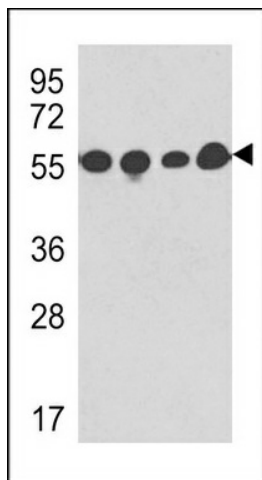
Product data:

Product Type:	Primary Antibodies
Clone Name:	87CT59.3.7
Applications:	IF, IHC, WB
Recommended Dilution:	IF: 1:25, IHC: 1:10~50, WB: 1:100~500
Reactivity:	Human, Mouse (Predicted: Rat, Bovine, Chicken, Hamster, Pig, Xenopus)
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	TBB5 recombinant protein is used to produce this monoclonal antibody.
Formulation:	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Concentration:	lot specific
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	49671 Da
Gene Name:	tubulin beta class I
Database Link:	NP_821133 Entrez Gene 203068 Human P07437
Synonyms:	CDCBM6; CSCSC1; M40; OK; SW-cl.56; TUBB1; TUBB5
Protein Families:	Druggable Genome
Protein Pathways:	Gap junction, Pathogenic Escherichia coli infection

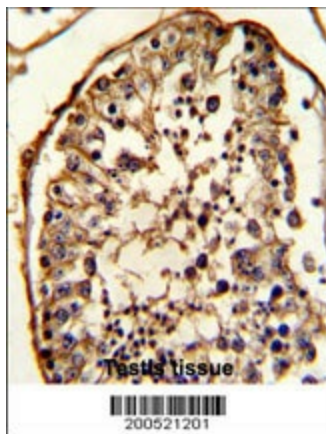


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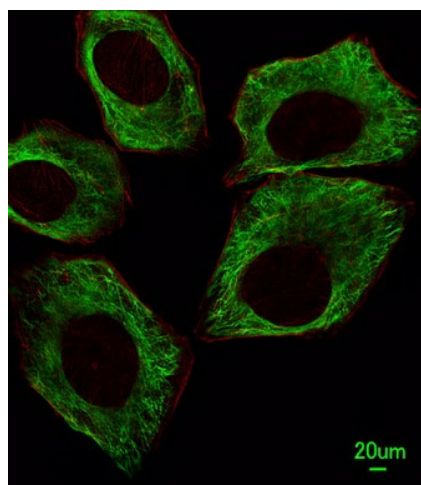
Product images:



Western blot analysis of anti-TBB5 Antibody (Cat. #TA324326) in Y79, CEM, 293 cell line and mouse brain tissue lysates (35ug/lane). TBB5 (arrow) was detected using the purified Mab. (1ug/ml)



Formalin-fixed and paraffin-embedded human testis reacted with TBB5 Antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



Immunofluorescent analysis of A549 cells, using TBB5 Antibody (Cat. #TA324326). TA324326 was diluted at 1 μ g/25 dilution. Dylight Fluor 488-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody (green). Cytoplasmic actin was counterstained with Dylight Fluor[®] 554 (red) conjugated Phalloidin (red).