

Product datasheet for **TA324323**

TUBB1 Mouse Monoclonal Antibody [Clone ID: 86CT4.4.4]

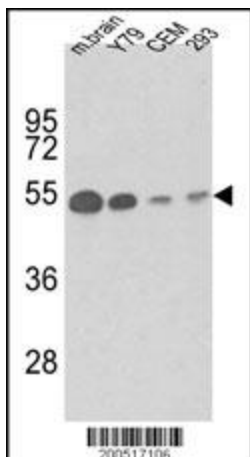
Product data:

Product Type:	Primary Antibodies
Clone Name:	86CT4.4.4
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1:100~500, IHC: 1:10~50, IF: 1:10~50
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	This monoclonal antibody is generated from mice immunized with a recombinant protein human TBB1.
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:	50327 Da
Gene Name:	tubulin beta 1 class VI
Database Link:	NP_110400 Entrez Gene 545486 Mouse Entrez Gene 81027 Human Q9H4B7
Synonyms:	beta 1; beta tubulin 1; class VI; dj543j19.4; OTTHUMP00000031411; tubulin
Protein Families:	Druggable Genome
Protein Pathways:	Gap junction, Pathogenic Escherichia coli infection

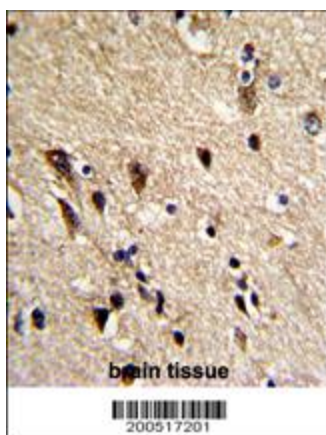


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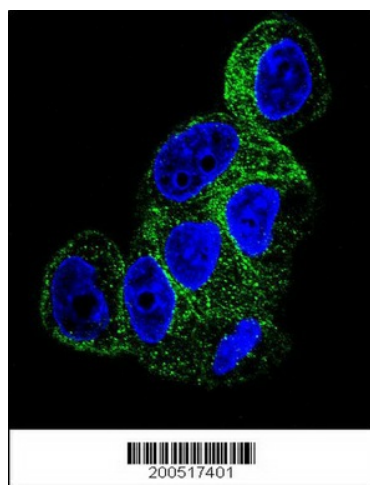
Product images:



Western blot analysis of anti-TBB1 Antibody (Cat. #TA324323) in mouse brain tissue, Y79, CEM and 293 lysates (35ug/lane). TBB1 (arrow) was detected using the purified Mab. (1ug/ml)



Formalin-fixed and paraffin-embedded human brain reacted with TBB1 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.



Confocal immunofluorescent analysis of TBB1 Antibody (Cat#TA324323) with HepG2 cell followed by Alexa Fluor 488-conjugated goat anti-mouse IgG (green). DAPI was used to stain the cell nuclear (blue).