

Datasheet for ABIN387758

anti-TUBB antibody

4 Images

1 Publication

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Overview

Quantity:	400 µL
Target:	TUBB
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TUBB antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	TBB5 recombinant protein is used to produce this monoclonal antibody.
Clone:	87CT59-3-7
Isotype:	Ig kappa, IgG2b
Predicted Reactivity:	B, Ha, Pig, X, C
Purification:	This antibody is purified through a protein G column, followed by dialysis against PBS.

Target Details

Target:	TUBB
Alternative Name:	TBB5 (TUBB Products)
Molecular Weight:	49671

Target Details

Gene ID:	203068
NCBI Accession:	NP_821133
UniProt:	P07437
Pathways:	Microtubule Dynamics, M Phase

Application Details

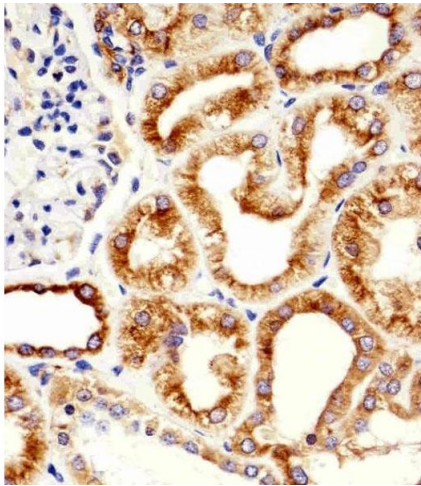
Application Notes:	IF: 1:25. WB: 1:1000. IHC-P: 1:25. IHC-P: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified monoclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

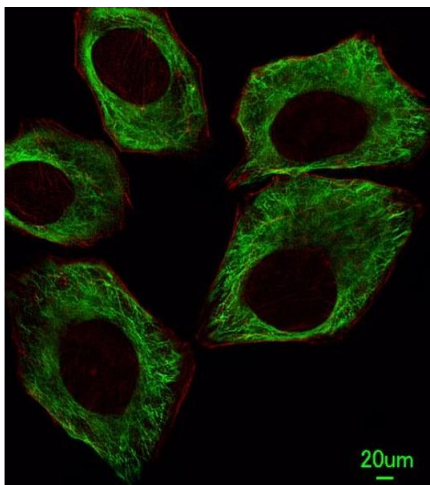
Publications

Product cited in:	Wang, Liu, Zhao, Song, Wang, Wang, Sun: "Phosphorylation of CDK2 on threonine 160 influences silencing of sex chromosome during male meiosis." in: Biology of reproduction , Vol. 90, Issue 6, pp. 138, (2014) (PubMed).
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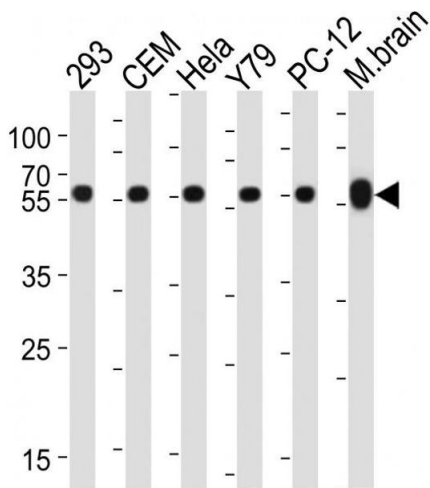
Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemical analysis of paraffin-embedded H.kidney section using TBB5 Antibody (ABIN387758 and ABIN2838008). (ABIN387758 and ABIN2838008) was diluted at 1:25 dilution. A peroxidase-conjugated goat anti-mouse IgG at 1:400 dilution was used as the secondary antibody, followed by DAB staining.



Immunofluorescence

Image 2. Immunofluorescent analysis of A549 cells, using TBB5 Antibody (ABIN387758 and ABIN2838008). (ABIN387758 and ABIN2838008) was diluted at 1:25 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).



Western Blotting

Image 3. Western blot analysis of lysates from 293, CEM, HeLa, Y79, rat PC-12 cell line, mouse brain tissue lysate(from left to right), using TBB5 Antibody (ABIN387758 and ABIN2838008). (ABIN387758 and ABIN2838008) was diluted at 1:1000 at each lane. A goat anti-mouse IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20 µg per lane.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN387758.