

Mouse Beta-tubulin Monoclonal Antibody | anti-TUBB3 antibody

Anti-Beta-tubulin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA260411	Mouse	Human, Mouse, Rat, Monkey, Dog, Chicken, Rabbit, Sheep, Insect, Yeast	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

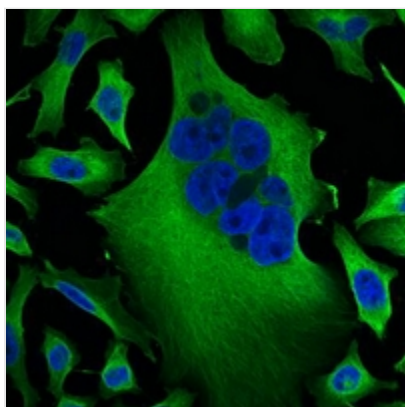
PRODUCT SYNONYMS

Beta-tubulin; Monoclonal Antibody; Anti-Beta-tubulin Antibody; TUBB4; Tubulin beta-3 chain; Tubulin beta-4 chain; Tubulin beta-III; anti-TUBB3 antibody

PRODUCT SPECIFICATIONS

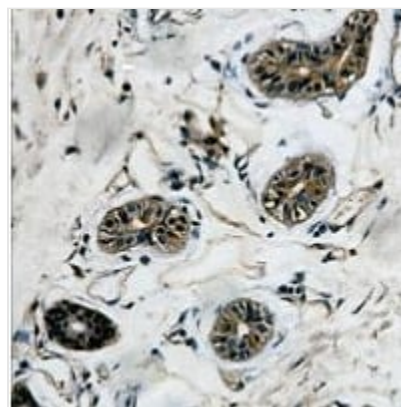
Host	Mouse
Reactivity	Human, Mouse, Rat, Monkey, Dog, Chicken, Rabbit, Sheep, Insect, Yeast
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of Beta-tubulin protein.
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Sequence Length	450
Applicable Applications for anti-TUBB3 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence of human Beta-tubulin. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



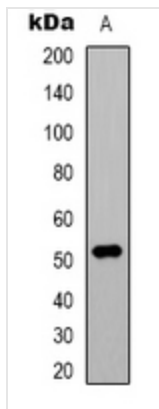
IF (Immunofluorescence)

Immunofluorescent analysis of Beta-tubulin staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a FITC-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of Beta-tubulin staining in human colon formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Beta-tubulin expression in A549 (A), mouse brain (B), rat brain (C), chicken lung (D), rabbit testis (E), sheep muscle (F) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-TUBB3 antibody	Mouse monoclonal to Beta-tubulin
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NCBI AND UNIPROT INFORMATION

NCBI GI #	20455526
NCBI GeneID	10381
UniProt Accession #	Q13509; Q9BTZ0; Q9BW10; A8K854
Molecular Weight	42,433 Da
NCBI Official Full Name	Tubulin beta-3 chain
NCBI Official Synonym Full Names	tubulin beta 3 class III
NCBI Official Symbol	TUBB3
NCBI Official Synonym Symbols	CDCBM; FEOM3; TUBB4; CDCBM1; CFEOM3; beta-4; CFEOM3A
NCBI Protein Information	tubulin beta-3 chain
UniProt Protein Name	Tubulin beta-3 chain
UniProt Gene Name	TUBB3
UniProt Synonym Gene Names	TUBB4
UniProt Entry Name	TBB3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://www.aaabiotech.com/monoclonal/beta-tubulin-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/260411>