

beta III Tubulin Monoclonal Antibody | anti-TUBB3 antibody

beta III Tubulin Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314317	Recombinant Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot

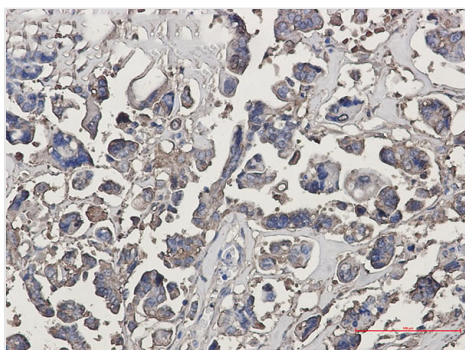
PRODUCT SYNONYMS

beta III Tubulin; Monoclonal Antibody; beta III Tubulin Rabbit mAb; CDCBM; FEOM3; TUBB4; CDCBM1; CFEOM3; beta-4; CFEOM3A; anti-TUBB3 antibody

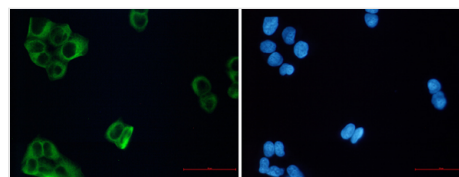
PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S02-4G7
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-TUBB3 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human beta III Tubulin
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

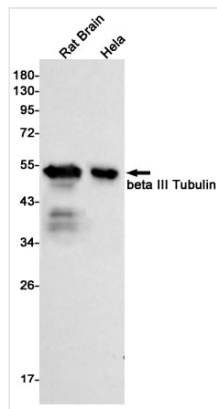
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of beta III Tubulin in paraffin-embedded Human Cholangiocarcinoma using beta III Tubulin Rabbit mAb at dilution 1/50


IF (Immunofluorescence)

Immunofluorescence of beta III Tubulin (green) in HeLa using beta III Tubulin Rabbit mAb at dilution 1/5, and DAPI(blue)



WB (Western Blot)

Western blot detection of beta III Tubulin in Rat Brain, HeLa cell lysates using beta III Tubulin Rabbit mAb (1:1000 diluted). Predicted band size: 50 kDa. Observed band size: 50 kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-TUBB3 antibody	Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha chain. TUBB3 plays a critical role in proper axon guidance and maintenance.
Product Categories/Family for anti-TUBB3 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	308235963
NCBI GeneID	10381
NCBI Accession #	NP_001184110.1
NCBI GenBank Nucleotide #	NM_001197181.1
UniProt Accession #	Q13509; Q9BTZ0; Q9BW10
Molecular Weight	50,433 Da
NCBI Official Full Name	tubulin beta-3 chain isoform 2
NCBI Official Synonym Full Names	tubulin, beta 3 class III
NCBI Official Symbol	TUBB3
NCBI Official Synonym Symbols	CDCBM; TUBB4; beta-4; CFEOM3A
NCBI Protein Information	tubulin beta-3 chain; tubulin beta-III; tubulin beta-4 chain; class III beta-tubulin
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/beta-iii-tubulin-antibody-clone-s02-4g7-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/314317>