

Rabbit beta Tubulin Monoclonal Antibody | anti-TUBB antibody

beta Tubulin Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29996	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunohistochemistry, Flow Cytometry, Functional Assay

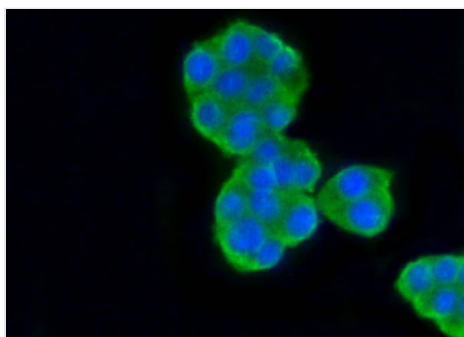
PRODUCT SYNONYMS

beta Tubulin; Monoclonal Antibody; beta Tubulin Antibody; Beta 4 tubulin antibody; Beta 5 tubulin antibody; BetaTubulin antibody; TBB5_HUMAN antibody; TUBB antibody; TUBB2 antibody; TUBB2A antibody; TUBB5 antibody; tubulin beta 2A antibody; Tubulin beta chain antibody; Tubulin beta-5 chain antibody; anti-TUBB antibody

PRODUCT SPECIFICATIONS

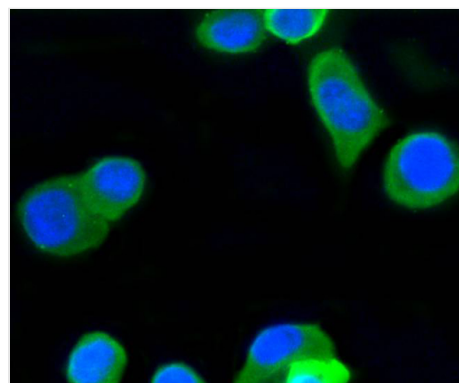
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	SR25-04
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-TUBB antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:1000-5000 IHC: 1:50-1:200 ICC: 1:50-1:200 FC/FACS: 1:10-1:100
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



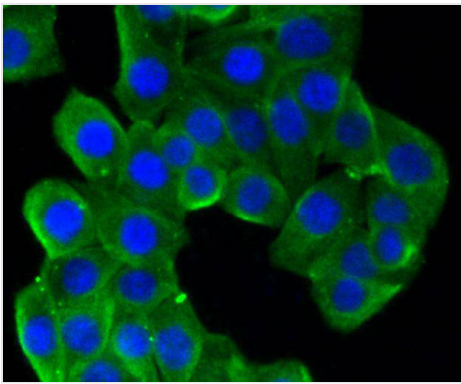
ICC (Immunocytochemistry)

ICC staining beta Tubulin in PC12 cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



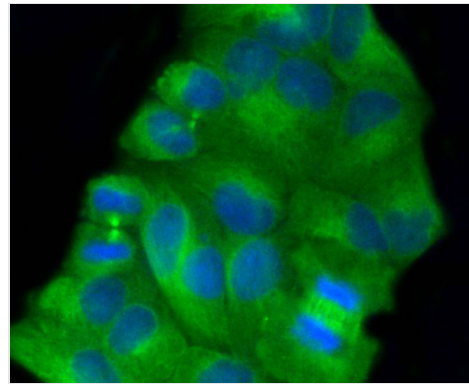
ICC (Immunocytochemistry)

ICC staining beta Tubulin in N2A cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



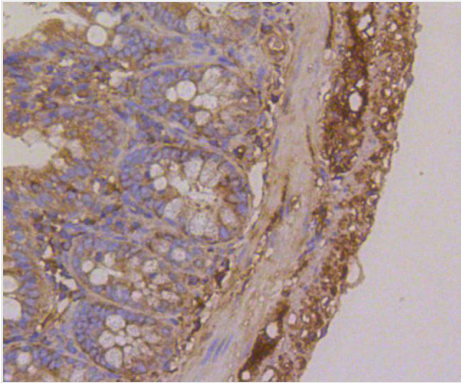
ICC (Immunocytochemistry)

ICC staining beta Tubulin in CRC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



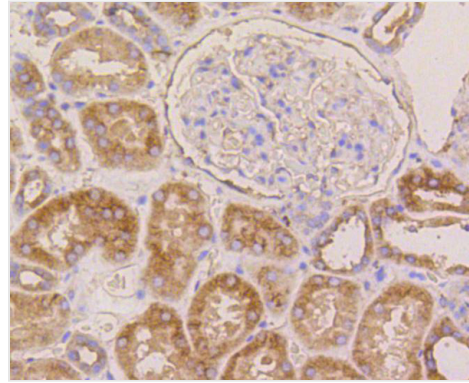
ICC (Immunocytochemistry)

ICC staining beta Tubulin in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse colon tissue using anti-beta Tubulin antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human kidney tissue using anti-beta Tubulin antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-TUBB antibody	Tubulin is one of several members of a small family of globular proteins. The most common members of the tubulin family are alpha-tubulin and beta-tubulin. The beta-tubulin (relative molecular weight about 50 kDa) is counterpart of alpha-tubulin in tubulin heterodimer, it is coded by multiple tubulin genes and it is also posttranslationally modified. Heterogeneity of subunit is concentrated in C-terminal structural domain. Beta-Tubulin may have bound GTP or GDP. Under certain conditions beta-tubulin can hydrolyze its bound GTP to GDP plus Pi, release the Pi, and exchange the GDP for GTP.
Product Categories/Family for anti-TUBB antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	29788785
NCBI GeneID	203068
NCBI Accession #	NP_821133.1
NCBI GenBank Nucleotide #	NM_178014.2
UniProt Accession #	P07437; P05218; Q8WUC1; Q9CY33
Molecular Weight	444
NCBI Official Full Name	tubulin beta chain
NCBI Official Synonym Full Names	tubulin, beta class I
NCBI Official Symbol	TUBB

NCBI Official Synonym Symbols	M40; TUBB1; TUBB5; OK/SW-cl.56
NCBI Protein Information	tubulin beta chain; beta1-tubulin; beta 5-tubulin; beta-4 tubulin; beta 1b tubulin; class I beta-tubulin; tubulin beta-1 chain; tubulin beta-5 chain; tubulin beta polypeptide; tubulin, beta polypeptide
UniProt Protein Name	Tubulin beta chain
UniProt Gene Name	TUBB
UniProt Synonym Gene Names	TUBB5
UniProt Entry Name	TBB5_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-tubulin-antibody-clone-sr25-04-western-blot-immunocytochemistry-immunohistochemistry-flow-cytometry-elisa/29996>