

Mouse beta-tubulin Monoclonal Antibody | anti-TUBB antibody

beta-tubulin (HRP Conjugated) Antibody (5G3)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30835	Mouse	Human, Rat, Mouse, Monkey, Dog, Chicken, Hamster, Rabbit, sheep, Insect, Yeast	Western Blot, Immunofluorescence, Immunohistochemistry

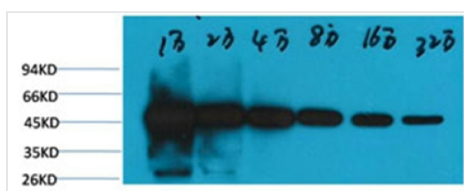
PRODUCT SYNONYMS

beta-tubulin; Monoclonal Antibody; beta-tubulin (HRP Conjugated) Antibody (5G3); Tubulin beta chain (Tubulin beta-5 chain); anti-TUBB antibody

PRODUCT SPECIFICATIONS

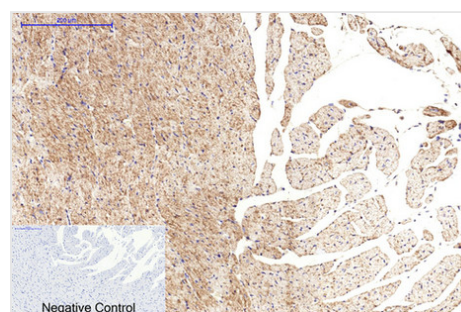
Host	Mouse
Reactivity	Human, Rat, Mouse, Monkey, Dog, Chicken, Hamster, Rabbit, sheep, Insect, Yeast
Clonality	Monoclonal
Clone Number	5G3
Specificity	The beta-tubulin antibody can detect endogenous beta-tubulin protein.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-TUBB antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Application Notes	WB: 1:1000-1:3000 IHC: 1:50-1:200 IF: 1:200
Immunogen	Recombinant Protein of beta-tubulin (HRP Conjugated)
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



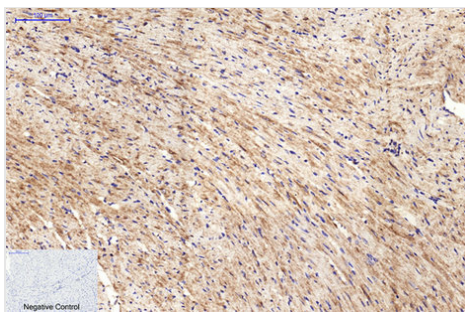
WB (Western Blot)

Western blot analysis of Hela, with β -tubulin-HRP Conjugated diluted at 1:10,000, 20,000, 40,000, 80,000, 160,000, 320,000.



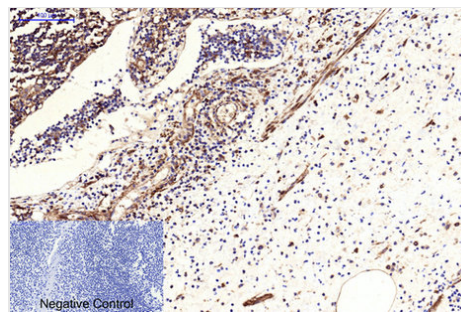
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Rat-heart tissue. 1, β -tubulin (HRP Conjugated) Monoclonal Antibody(5G3) was diluted at 1:200(4 degree C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C, 20min). 3, Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



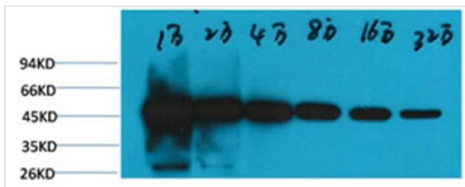
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Mouse-heart tissue. 1,?-tubulin (HRP Conjugated) Monoclonal Antibody(5G3) was diluted at 1:200(4 degree C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



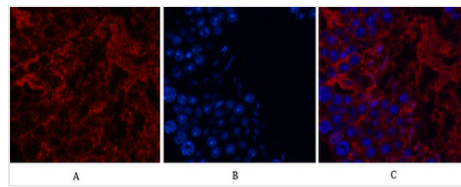
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human-Tonsil tissue. 1,?-tubulin (HRP Conjugated) Monoclonal Antibody(5G3) was diluted at 1:200(4 degree C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C,20min). 3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



IF (Immunofluorescence)

Immunofluorescence analysis of Rat-kidney tissue. 1,?-tubulin (HRP Conjugated) Monoclonal Antibody(5G3)(red) was diluted at 1:200(4 degree C,overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



IF (Immunofluorescence)

Immunofluorescence analysis of Mouse-testis tissue. 1,?-tubulin (HRP Conjugated) Monoclonal Antibody(5G3)(red) was diluted at 1:200(4 degree C,overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B

ADDITIONAL INFORMATION

Product Categories/Family for anti-TUBB antibody

Primary Antibodies

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-5g3-western-blot-immunofluorescence-immunohistochemistry-elisa/30835>