

Mouse Tubulin beta-2A Chain Monoclonal Antibody | anti-TUBB2A antibody

Tubulin beta-2A Chain (Tubulin beta Class IIa, TUBB2A, TUBB2, TUBB, dJ40E16.7)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24087	Mouse	Human, Mouse, Rat	ELISA, Western Blot, Immunohistochemistry

PRODUCT SYNONYMS

Tubulin beta-2A Chain; Monoclonal Antibody; Tubulin beta-2A Chain (Tubulin beta Class IIa; TUBB2A; TUBB2; TUBB; dJ40E16.7); Anti -Tubulin beta-2A Chain (Tubulin beta Class IIa; anti-TUBB2A antibody)

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2B2
Specificity	Recognizes human TUBB2A. Species Crossreactivity: mouse and rat.
Purity/Purification	Affinity Purified Purified by Protein A affinity chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2.
Sequence	MREIVHIQAG QCGNQIGAKF WEVISDEHGI DPTGSYHGDS DLQLERINVY YNEAAGNKYV PRAILVDLEP GTMDSVRSRGF FGQIFRPDNF VFGQSGAGNN WAKGHYTEGA ELVDSVLDDV RKESESCDCL QGFQLTHSLG GGTGSGMGTL LISKIREEYP DRIMNTFSVM PSPKVSDTVV EPYNATLSVH QLVENTDETY SIDNEALYDI CFRTLKLTTP TYGDLNHLVS ATMSGVTTCL RFPGQLNADL RKLAVNMVPP PRLHFFMPGF APLTSRGSQQ YRALTVPELT QQMFDSKNMM AACDPRHGRY LTVAAIFRGR MSMKEVDEQM LNVQKNKSSY FVEWIPNNVK TAVCDIPPRG LKMSATFIGN STAIQELFKR ISEQFTAMFR RKAFLHWYTG EGMDEMEFTE AESNTNDLVS EYQYQDATA DEQGEFEEEE GEDEA
Applicable Applications for anti-TUBB2A antibody	ELISA, WB (Western Blot), IHC (Immunohistochemistry)
Application Notes	Suitable for use in ELISA, Western Blot and Immunohistochemistry. Dilution: Immunohistochemistry (Formalin fixed paraffin embedded): 1.5ug/ml
Immunogen	Full-length recombinant corresponding to aa1-445 from human TUBB2A (AAH01194) with GST tag. MW of the GST tag alone is 26kD.
Preparation and Storage	May be stored at 4 degree C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degree C. Aliquots are stable for at least 12 months. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



WB (Western Blot)
Western Blot analysis of TUBB2A expression in transfected 293T cell line by TUBB2A monoclonal antibody. Lane 1: TUBB2A transfected lysate (49.9kD). Lane 2: Non-transfected lysate.



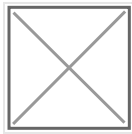
WB (Western Blot)
TUBB2A monoclonal antibody. Western Blot analysis of TUBB2A expression in NIH/3T3.



IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to TUBB2A on formalin-fixed paraffin-embedded human spleen. [antibody concentration 1.5ug/ml]



WB (Western Blot)
TUBB2A monoclonal antibody. Western Blot analysis of TUBB2A expression in Jurkat.



WB (Western Blot)
TUBB2A monoclonal antibody. Western Blot analysis of TUBB2A expression in Raw 264.7.



WB (Western Blot)
TUBB2A monoclonal antibody. Western Blot analysis of TUBB2A expression in PC-12.

ADDITIONAL INFORMATION

Related Product Information for anti-TUBB2A antibody	Tubulin is a heterodimer (110kD) composed of identical molecular weight alpha/beta subunits. Beta-Tubulin is present in all nucleated eukaryotic cells. The antigen recognized by this antibody is present in most all species of living organisms.
Product Categories/Family for anti-TUBB2A antibody	Antibodies ; Abs to Tubulin

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507729
NCBI GeneID	7280
NCBI Accession #	NP_001060.1
NCBI GenBank Nucleotide #	NM_001069.2
UniProt Accession #	Q13885 ; Q6FGZ8 ; Q8IWR2
Molecular Weight	49,907 Da
NCBI Official Full Name	tubulin beta-2A chain
NCBI Official Synonym Full Names	tubulin, beta 2A class IIa
NCBI Official Symbol	TUBB2A
NCBI Official Synonym Symbols	TUBB; TUBB2; dJ40E16.7
NCBI Protein Information	tubulin beta-2A chain; class IIa beta-tubulin; tubulin beta class IIa; tubulin, beta polypeptide 2
UniProt Protein Name	Tubulin beta-2A chain
UniProt Gene Name	TUBB2A
UniProt Synonym Gene Names	TUBB2

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/tubulin-beta-2a-chain-antibody-clone-2b2-western-blot-immunohistochemistry-elisa/24087>