

Mouse anti-Human Tubulin alpha-4A Chain Monoclonal Antibody | anti-TUBA4A antibody

Tubulin alpha-4A Chain (TUBA4A, Alpha-tubulin 1, Tubulin alpha-1 Chain, TUBA1, Testis-specific alpha-tubulin, Tubulin H2-alpha) (HRP)

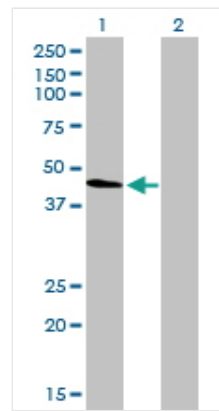
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA25577	Mouse	Human	ELISA, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

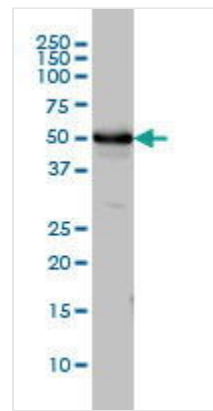
Tubulin alpha-4A Chain; Monoclonal Antibody; Tubulin alpha-4A Chain (TUBA4A; Alpha-tubulin 1; Tubulin alpha-1 Chain; TUBA1; Testis-specific alpha-tubulin; Tubulin H2-alpha) (HRP); Alpha Tubulin; Tubulin alpha Ubiquitous; H2-Alpha; K-alpha-1; TUBA3; Tubulin alpha 1 Chain; TUBA1A; Tubulin K alpha 1; anti-TUBA4A antibody

PRODUCT SPECIFICATIONS

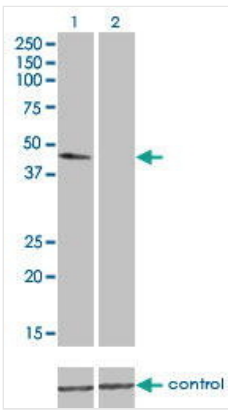
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b,k
Clone Number	2E11
Specificity	Recognizes human TUBA1.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with horseradish peroxidase (HRP).
Applicable Applications for anti-TUBA4A antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 3ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-448 from human TUBA1 (AAH09238) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MRECISVHVGQAGVQMGNACWELYCLEHGIQPDGQMPSDKTIGGGDDSFSTFFCETGAGKHVPRAVFVDLEPTVIDEIRNGPYRQLFHPEQLITGKEDAA
Conjugate	HRP
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor



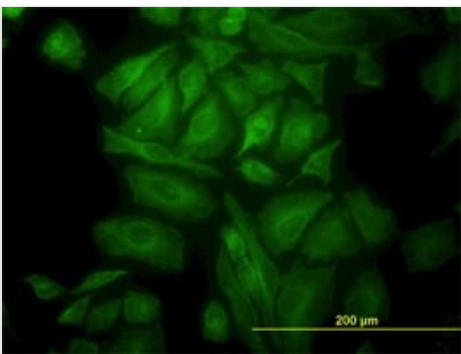
WB (Western Blot)
Western Blot analysis of TUBA1 expression in transfected 293T cell line by TUBA1 monoclonal antibody. Lane 1: TUBA1 transfected lysate (49.9kD). Lane 2: Non-transfected lysate.



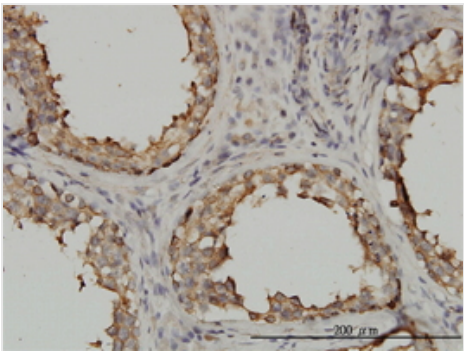
WB (Western Blot)
TUBA1 monoclonal antibody. Western Blot analysis of TUBA1 expression in HeLa.



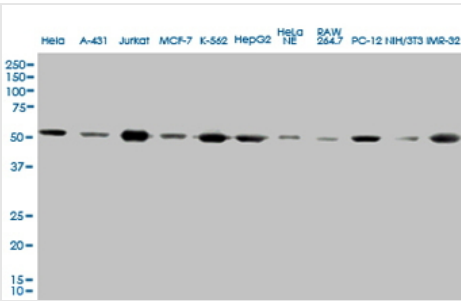
WB (Western Blot)
Western blot analysis of TUBA1 over-expressed 293 cell line, cotransfected with TUBA1 Validated Chimera RNAi (Lane 2) or non-transfected control (Lane 1). Blot probed with TUBA1 monoclonal antibody GAPDH (36.1kD) used as specificity and loading control.



IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to TUBA1 on HeLa cell. [antibody concentration 10ug/ml]



IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to TUBA1 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3ug/ml]



WB (Western Blot)
TUBA1 monoclonal antibody. Western Blot analysis of TUBA1 expression in different Cell lines and Human Tissue.

ADDITIONAL INFORMATION

Product Categories/Family for anti-TUBA4A antibody	Antibodies; Tubulin
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NCBI AND UNIPROT INFORMATION

NCBI GI #	37589861
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NCBI GeneID	7277
Molecular Weight	48,329 Da
NCBI Official Full Name	Homo sapiens tubulin, alpha 4a, mRNA
NCBI Official Synonym Full Names	tubulin alpha 4a
NCBI Official Symbol	TUBA4A
NCBI Official Synonym Symbols	ALS22; TUBA1; H2-ALPHA
NCBI Protein Information	tubulin alpha-4A chain

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-alpha-4a-chain-antibody-clone-2e11-immunohistochemistry-western-blot-elisa/25577>