

Mouse TUBA8 Monoclonal Antibody | anti-TUBA8 antibody

TUBA8 antibody

CATALOG # AAA106880	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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PRODUCT SYNONYMS

TUBA8; Monoclonal Antibody; TUBA8 antibody; Monoclonal TUBA8; Anti-TUBA8; Tubulin alpha 8; TUBAL2; Tubulin alpha chain-like 2; OTTHUMP00000196217; Alpha tubulin 8; TUBA 8; TUBA-8; anti-TUBA8 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	2C2
Purity/Purification	TUBA8 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	449
Applicable Applications for anti-TUBA8 antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	TUBA8 is a member of the alpha tubulin protein family. Alpha tubulins are one of two core protein families (alpha and beta tubulins) that heterodimerize and assemble to form microtubules. Mutations in this gene are associated with polymicrogyria and optic nerve hypoplasia.
Cross-Reactivity	Human, Monkey
Immunogen	TUBA8 antibody was raised in mouse using a full length recombinant protein of human TUBA8 (NP_061816) produced in HEK293T cells, as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant TUBA8 protein using TUBA8 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant TUBA8 protein (Right) or empty vector (Left) detected with TUBA8 antibody



FCM/FACS (Flow Cytometry)
Flow Cytometric analysis of HEK293T cells transfected with either recombinant TUBA8 protein (red) or empty vector (blue) stained using TUBA8 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-TUBA8 antibody	Mouse monoclonal TUBA8 antibody
Product Categories/Family for anti-TUBA8 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	9507215
NCBI GeneID	51807
NCBI Accession #	NP_061816
NCBI GenBank Nucleotide #	NM_018943.2
UniProt Accession #	Q9NY65; Q2M3N4; B2RCX2; B3KPW9; B4DWG3
Molecular Weight	42,954 Da
NCBI Official Full Name	tubulin alpha-8 chain isoform 1
NCBI Official Synonym Full Names	tubulin, alpha 8
NCBI Official Symbol	TUBA8
NCBI Official Synonym Symbols	TUBAL2
NCBI Protein Information	tubulin alpha-8 chain
UniProt Protein Name	Tubulin alpha-8 chain
UniProt Gene Name	TUBA8
UniProt Synonym Gene Names	TUBAL2
UniProt Entry Name	TBA8_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/tuba8-antibody-clone-2c2-western-blot-immunofluorescence-flow-cytometry-elisa/106880>