Mouse TUBA3E Monoclonal Antibody | anti-TUBA3E antibody

TUBA3E antibody

CATALOG #	HOST	APPLICATIONS
AAA107039	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

TUBA3E; Monoclonal Antibody; TUBA3E antibody; Monoclonal TUBA3E; Anti-TUBA3E; Tubulin alpha 3e; Alpha tubulin 3E; Tubulin alpha-3E chain; TUBAE 3; TUBAE-3; anti-TUBA3E antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	2A8
Purity/Purification	TUBA3E 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	450
Applicable Applications for anti-TUBA3E antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	Tubulin is the major constituent of microtubules. It binds two moles of GTP, one at an exchangeable site on the beta chain and one at a non-exchangeable site on the alpha-chain.
Cross-Reactivity	Human
Immunogen	TUBA3E antibody was raised in mouse using a full length recombinant protein of human TUBA3E (NP_997195) 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 TUBA3E protein using TUBA3E antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant TUBA3E protein (Right) or empty vector (Left) detected with TUBA3E antibody

ADDITIONAL INFORMATION

Related Product Information for anti-TUBA3E antibody	Mouse monoclonal TUBA3E antibody

Product Categories/Family for anti-TUBA3E antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	46409270
NCBI GeneID	112714
NCBI Accession #	NP_997195
NCBI GenBank Nucleotide #	NM_207312.2
UniProt Accession #	Q6PEY2
Molecular Weight	49,859 Da
NCBI Official Full Name	tubulin alpha-3E chain
NCBI Official Synonym Full Names	tubulin, alpha 3e
NCBI Official Symbol	TUBA3E
NCBI Protein Information	tubulin alpha-3E chain
UniProt Protein Name	Tubulin alpha-3E chain
UniProt Gene Name	**TUBA3E**
UniProt Entry Name	TBA3E_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/tuba3e-antibody-clone-2a8-western-blot-immunofluorescence-flow-cytometry-elisa/107039