Mouse TUBB4 Monoclonal Antibody | anti-TUBB4 antibody

TUBB4 antibody

CATALOG #	HOST	APPLICATIONS
AAA107163	**Mouse**	**Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay**

PRODUCT SYNONYMS

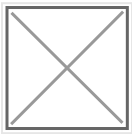
TUBB4; Monoclonal Antibody; TUBB4 antibody; Monoclonal TUBB4; Anti-TUBB4; Beta Tubulin 4; TUBB5; beta-5; TUBB 4; TUBB-4; anti-TUBB4 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	3F1
Purity/Purification	TUBB4 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	444
Applicable Applications for anti-TUBB4 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, Dog, Rat, Monkey
Immunogen	TUBB4 antibody was raised in mouse using a full length recombinant protein of human TUBB4 (NP_006078) 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 TUBB4 protein using TUBB4 antibody



IHC (Immunohiostchemistry)
Immunohistochemical analysis of TUBB4 protein in paraffin embedded Adenocarcinoma of Human ovary tissue using TUBB4 antibody

WB (Western Blot)
Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant TUBB4 protein (Right) or empty vector (Left) detected with TUBB4 antibody

ADDITIONAL INFORMATION

Related Product Information for anti-TUBB4 antibody	Mouse monoclonal TUBB4 antibody
Product Categories/Family for anti-TUBB4 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361322
NCBI GeneID	10382
NCBI Accession #	NP_006078
NCBI GenBank Nucleotide #	NM_006087.2
UniProt Accession #	P04350; Q969E5; B3KQP4
Molecular Weight	49,586 Da
NCBI Official Full Name	tubulin beta-4A chain isoform 3
NCBI Official Synonym Full Names	tubulin, beta 4A class IVa
NCBI Official Symbol	TUBB4A
NCBI Official Synonym Symbols	DYT4; TUBB4; beta-5
NCBI Protein Information	tubulin beta-4A chain
UniProt Protein Name	Tubulin beta-4A chain
UniProt Gene Name	**TUBB4A**
UniProt Synonym Gene Names	TUBB4; TUBB5
UniProt Entry Name	TBB4A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/tubb4-antibody-clone-3f1-western-blot-immunofluorescence-flow-cytometry-elisa/107163