

Mouse TUBAL3 Monoclonal Antibody | anti-TUBAL3 antibody

TUBAL3 antibody

CATALOG # AAA107526	HOST Mouse	APPLICATIONS Western Blot, Immunohistochemistry, Immunofluorescence, Flow Cytometry, Functional Assay
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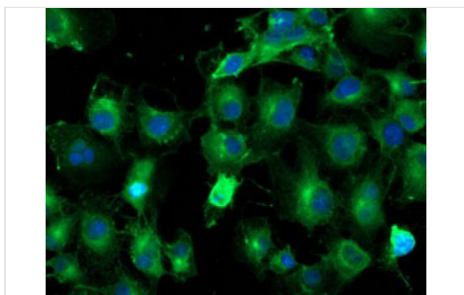
PRODUCT SYNONYMS

TUBAL3; Monoclonal Antibody; TUBAL3 antibody; Monoclonal TUBAL3; Anti-TUBAL3; Tubulin alpha-like 3; FLJ21665; MGC119347; Tubulin alpha chain-like 3; TUBAL 3; TUBAL-3; anti-TUBAL3 antibody

PRODUCT SPECIFICATIONS

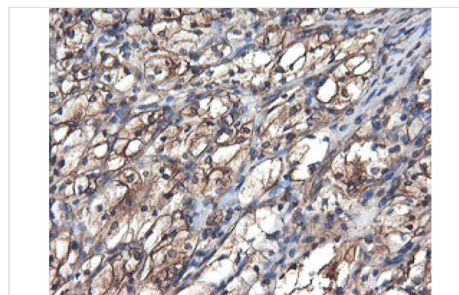
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	4C5
Purity/Purification	TUBAL3 antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	446
Applicable Applications for anti-TUBAL3 antibody	WB (Western Blot), IHC (Immunohistochemistry), 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, Mouse
Immunogen	TUBAL3 antibody was raised in mouse using a human recombinant protein fragment corresponding to amino acids 150-446 of human TUBAL3 (NP_079079) produced in E Coli 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



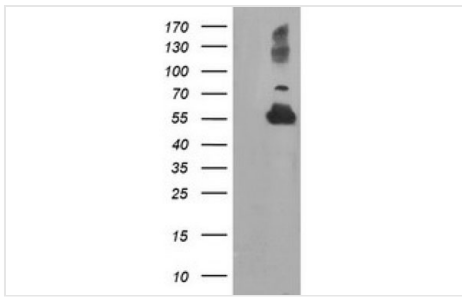
IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant TUBAL3 protein using TUBAL3 antibody



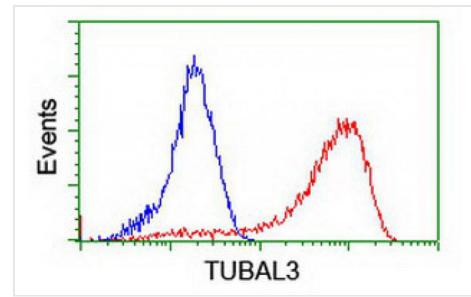
IHC (Immunohistochemistry)

Immunohistochemical analysis of TUBAL3 protein in paraffin embedded Carcinoma of Human kidney tissue using TUBAL3 antibody



WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant TUBAL3 protein (Right) or empty vector (Left) detected with TUBAL3 antibody



FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HeLa cells using TUBAL3 antibody (Red), compared to a nonspecific negative control antibody (Blue).

ADDITIONAL INFORMATION

Related Product Information for anti-TUBAL3 antibody	Mouse monoclonal TUBAL3 antibody
Product Categories/Family for anti-TUBAL3 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	13376181
NCBI GeneID	79861
NCBI Accession #	NP_079079
NCBI GenBank Nucleotide #	NM_024803.2
UniProt Accession #	A6NHL2; Q4QQJ5; Q9H6Z0; B4DKL2
Molecular Weight	45,518 Da
NCBI Official Full Name	tubulin alpha chain-like 3 isoform 1
NCBI Official Synonym Full Names	tubulin, alpha-like 3
NCBI Official Symbol	TUBAL3
NCBI Protein Information	tubulin alpha chain-like 3
UniProt Protein Name	Tubulin alpha chain-like 3
UniProt Gene Name	TUBAL3
UniProt Entry Name	TBAL3_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://www.aaabiotech.com/monoclonal/tubal3-antibody-clone-4c5-western-blot-immunohistochemistry-immunofluorescence-flow-cytometry-elisa/107526>