

Rabbit alpha Tubulin 4A Monoclonal Antibody | anti-TUBA4A antibody

alpha Tubulin 4A Antibody

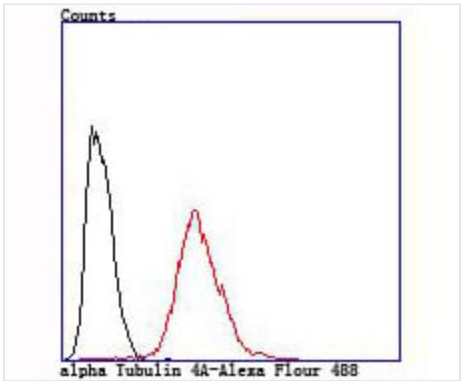
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA30369	Rabbit	Human, Mouse, Rat	Western Blot, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

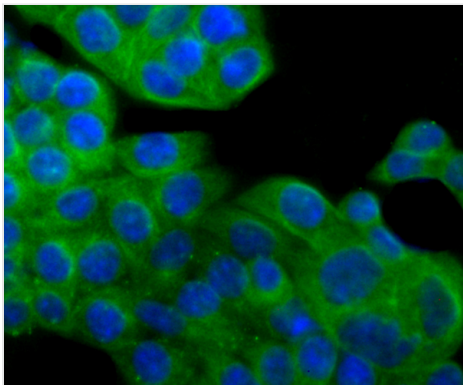
alpha Tubulin 4A; Monoclonal Antibody; alpha Tubulin 4A Antibody; Alpha tubulin 1 antibody; Alpha-tubulin 1 antibody; FLJ30169 antibody; H2 alpha antibody; TBA4A_HUMAN antibody; Testis specific alpha tubulin antibody; Testis-specific alpha-tubulin antibody; TUBA 4A antibody; TUBA1 antibody; Tuba4a antibody; Tubulin alpha 1 (testis specific) antibody; Tubulin alpha 1 antibody; Tubulin alpha 1 chain antibody; Tubulin alpha 4a antibody; Tubulin alpha 4A chain antibody; Tubulin alpha-1 chain antibody; Tubulin alpha-4A chain antibody; Tubulin H2 alpha antibody; Tubulin H2-alpha antibody; anti-TUBA4A antibody

PRODUCT SPECIFICATIONS

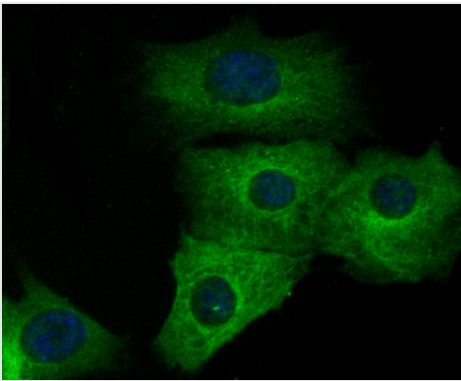
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JM73-24
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-TUBA4A antibody	WB (Western Blot), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Application Notes	WB: 1:500-1:2000 IHC: 1:100-1:200 ICC: 1:100-1:200 FC/FACS: 1:50-1:100
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.



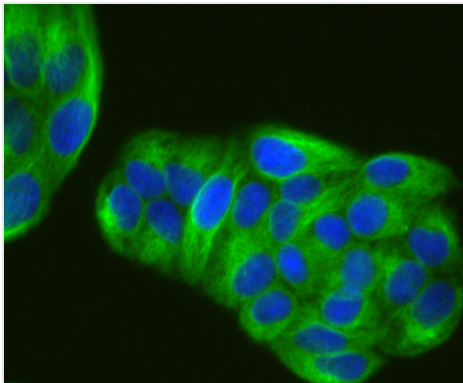
FCM (Flow Cytometry)
Flow cytometric analysis of HeLa cells with alpha Tubulin 4A antibody at 1/100 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black).



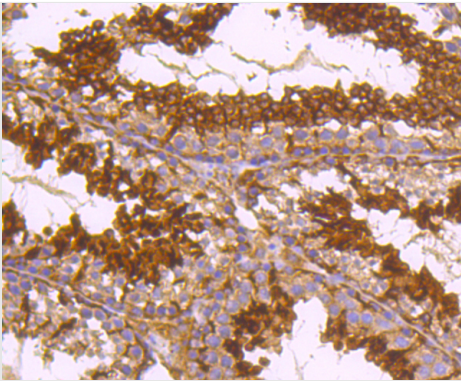
ICC (Immunocytochemistry)
ICC staining alpha Tubulin 4A in SW480 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



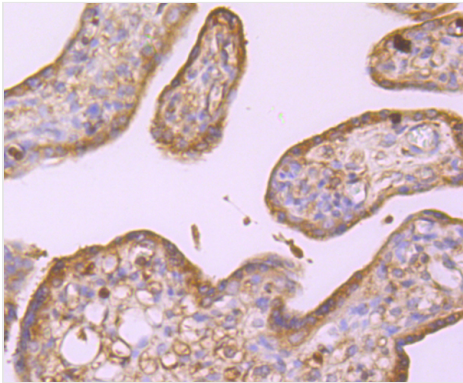
ICC (Immunocytochemistry)
ICC staining alpha Tubulin 4A in NIH-3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)
ICC staining alpha Tubulin 4A in HeLa cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded mouse testes tissue using anti-alpha Tubulin 4A antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human placenta tissue using anti-alpha Tubulin 4A antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-TUBA4A antibody	Tubulin is a major cytoskeleton component that has five distinct forms, designated alpha, beta , gamma, delta and e Tubulin. alpha and beta Tubulins form heterodimers which multimerize to form a microtubule filament. Multiple beta Tubulin isoforms (beta 1, beta 2, beta 3, beta 4, beta 5, beta 6 and beta 8) have been characterized and are expressed in mammalian tissues. beta 1 and beta 4 are present throughout the cytosol, beta 2 is present in the nuclei and nucleoplasm, and beta 3 is a neuron-specific cytoskeletal protein. gamma Tubulin forms the gammasome, which is required for nucleating microtubule filaments at the centrosome. Both delta Tubulin and e Tubulin are associated with the centrosome. delta Tubulin is a homolog of the Chlamydomonas delta Tubulin Uni3 and is found in association with the centrioles, whereas e Tubulin localizes to the pericentriolar material. e Tubulin exhibits a cell-cycle-specific pattern of localization, first associating with only the older of the centrosomes in a newly duplicated pair and later associating with both centrosomes.
Product Categories/Family for anti-TUBA4A antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	55977476
NCBI GeneID	7277
UniProt Accession #	P68366; P05215; A8MUB1; B3KNQ6
Molecular Weight	448
NCBI Official Full Name	Tubulin alpha-4A chain
NCBI Official Synonym Full Names	tubulin, alpha 4a
NCBI Official Symbol	TUBA4A
NCBI Official Synonym Symbols	TUBA1; H2-ALPHA
NCBI Protein Information	tubulin alpha-4A chain; tubulin H2-alpha; tubulin alpha-1 chain; tubulin, alpha 1 (testis specific)
UniProt Protein Name	Tubulin alpha-4A chain
UniProt Gene Name	TUBA4A
UniProt Synonym Gene Names	TUBA1
UniProt Entry Name	TBA4A_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/alpha-tubulin-4a-antibody-clone-jm73-24-western-blot-immunocytochemistry-immunofluorescence-immunohistochemistry-immunoprecipitation-flow-cytometry-elisa/30369>