# Mouse alpha Tubulin Monoclonal Antibody | anti-TUBA1B antibody

alpha Tubulin Monoclonal Antibody

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA179736** | **Mouse** | **Human, Mouse, Rat** | **Immunofluorescence, Western Blot** |

## PRODUCT SYNONYMS

alpha Tubulin; Monoclonal Antibody; alpha Tubulin Monoclonal Antibody; Alpha tubulin 3; Alpha-tubulin 3; B alpha 1; FLJ25113; LIS3; TBA1A; TUBA1A; TUBA3; Tubulin alpha 1a; Tubulin alpha 1A chain; Tubulin alpha 3; Tubulin alpha 3 chain; Tubulin alpha brain specific; Tubulin alpha-1A chain; Tubulin alpha-3 chain; Tubulin B alpha 1; Tubulin B-alpha-1; anti-TUBA1B antibody

## PRODUCT SPECIFICATIONS

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|---|---|
| **Host** | Mouse |
| **Reactivity** | Human, Mouse, Rat |
| **Clonality** | Monoclonal |
| **Isotype** | IgG |
| **Clone Number** | 2H2 |
| **Purity/Purification** | Protein A/G Purification |
| **Form/Format** | PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH 7.4 |
| **Concentration** | 1mg/mL (varies by lot) |
| **Applicable Applications for anti-TUBA1B antibody** | IF (Immunofluorescence), WB (Western Blot) |
| **Immunogen** | Recombinant human TUBA1B protein by E coli |
| **Preparation and Storage** | Store at -20 degree C Valid for 12 months. Avoid freeze/thaw cycles. Protected from prolonged exposure to light. |

## IMAGES



**IF (Immunofluorescence)**
Immunofluorescence analysis of U-2 OS cells using alpha Tubulin Monoclonal Antibody at dilution of 1:200.



**WB (Western Blot)**
Western blot with Anti alpha Tubulin Monoclonal Antibody at dilution of 1:3000. Lane 1: HeLa cell lysate, Lane 2: MCF-7 cell lysate, Lane 3: HT-29 cell lysate, Lane 4: Hep G2 cell lysate, Lane 5: Mouse brain tissue lysate, Lane 6: Mouse kidney tissue lysate, Lane 7: Rat brain tissue lysate.

## ADDITIONAL INFORMATION

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| **Related Product Information for anti-TUBA1B antibody** | Tubulin is the major constituent of microtubules, a cylinder consisting of laterally associated linear protofilaments composed of alpha- and beta-tubulin heterodimers.Microtubules grow by the addition of GTP-tubulin dimers to the microtubule end, where a stabilizing cap forms.Below the cap, tubulin dimers are in GDP-bound state, owing to GTPase activity of alpha-tubulin. |
| **Product Categories/Family for anti-TUBA1B antibody** | Primary Antibodies; Tags/Controls Antibodies; Signal Transduction; Neuroscience; Tags and Cell Markers; Isotype/Loading Controls; Biochemicals; Cancer; Cardiovascular; Cell Biology; Developmental Biology; Epigenetics and Nuclear Signaling; Immunology; Met |

## NCBI AND UNIPROT INFORMATION

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|---|---|
| **NCBI GI #** | 55977474 |
| **NCBI GeneID** | 10376 |
| **UniProt Accession #** | P68363; P04687; P05209; Q27I68; Q8WU19 |
| **Molecular Weight** | 37,218 Da |
| **NCBI Official Full Name** | Tubulin alpha-1B chain |
| **NCBI Official Synonym Full Names** | tubulin, alpha 1b |
| **NCBI Official Symbol** | TUBA1B |
| **NCBI Official Synonym Symbols** | K-ALPHA-1 |
| **NCBI Protein Information** | tubulin alpha-1B chain; alpha tubulin; tubulin K-alpha-1; alpha-tubulin ubiquitous; tubulin, alpha, ubiquitous; tubulin alpha-ubiquitous chain |
| **UniProt Protein Name** | Tubulin alpha-1B chain |
| **UniProt Gene Name** | **TUBA1B** |
| **UniProt Entry Name** | TBA1B_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-antibody-clone-2h2-immunofluorescence-western-blot-elisa/179736