

## Mouse TUBA3E Monoclonal Antibody | anti-TUBA3E antibody

TUBA3E antibody

|                               |                      |                                                                       |
|-------------------------------|----------------------|-----------------------------------------------------------------------|
| CATALOG #<br><b>AAA107420</b> | HOST<br><b>Mouse</b> | APPLICATIONS<br><b>Western Blot, Flow Cytometry, Functional Assay</b> |
|-------------------------------|----------------------|-----------------------------------------------------------------------|

### 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                                          | IgG2b                                                                                                                                                                             |
| Clone Number                                     | 10B4                                                                                                                                                                              |
| 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), 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



#### 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



#### FCM/FACS (Flow Cytometry)

Flow Cytometric analysis of HEK293T cells transfected with either recombinant TUBA3E protein (red) or empty vector (blue) stained using TUBA3E antibody

### ADDITIONAL INFORMATION

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

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                | <b>TUBA3E</b>          |
| 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-10b4-western-blot-flow-cytometry-elisa/107420>