

# TUBE1 Antibody

Purified Mouse Monoclonal Antibody

Catalog # AO1940a

## Product Information

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| <b>Application</b>       | WB, IHC, FC, E                                                                                                                                                                                                                                                                                                                                                       |
| <b>Primary Accession</b> | <a href="#">Q9UJT0</a>                                                                                                                                                                                                                                                                                                                                               |
| <b>Reactivity</b>        | Human                                                                                                                                                                                                                                                                                                                                                                |
| <b>Host</b>              | Mouse                                                                                                                                                                                                                                                                                                                                                                |
| <b>Clonality</b>         | Monoclonal                                                                                                                                                                                                                                                                                                                                                           |
| <b>Clone Names</b>       | 5F3B7                                                                                                                                                                                                                                                                                                                                                                |
| <b>Isotype</b>           | IgG1                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Calculated MW</b>     | 52932                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>       | This gene encodes a member of the tubulin superfamily. This protein localizes to the centriolar sub-distal appendages that are associated with the older of the two centrioles after centrosome duplication. This protein plays a central role in organization of the microtubules during centriole duplication. A pseudogene of this gene is found on chromosome 5. |
| <b>Immunogen</b>         | Purified recombinant fragment of human TUBE1 (AA: 314-472) expressed in E. Coli.                                                                                                                                                                                                                                                                                     |
| <b>Formulation</b>       | Purified antibody in PBS with 0.05% sodium azide.                                                                                                                                                                                                                                                                                                                    |

## Additional Information

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| <b>Gene ID</b>     | 51175                                                                                                                                    |
| <b>Other Names</b> | Tubulin epsilon chain, Epsilon-tubulin, TUBE1, TUBE                                                                                      |
| <b>Dilution</b>    | WB~~1/500 - 1/2000 IHC~~1/200 - 1/1000 FC~~1/200 - 1/400 E~~1/10000                                                                      |
| <b>Storage</b>     | Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| <b>Precautions</b> | TUBE1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.                                         |

## Protein Information

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| <b>Name</b>              | TUBE1                                                               |
| <b>Synonyms</b>          | TUBE                                                                |
| <b>Cellular Location</b> | Cytoplasm, cytoskeleton, microtubule organizing center, centrosome. |

## Background

The innate immune system confers host defense against viral and microbial infection, and TRAFD1 is a negative feedback regulator that controls excessive immune responses ; ;

## References

1. Nat Cell Biol. 2003 Jan;5(1):71-6.2. Nat Cell Biol. 2000 Jan;2(1):30-5.

## Images

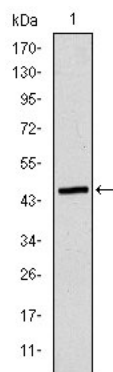


Figure 1: Western blot analysis using TUBE1 mAb against human TUBE1 (AA: 314-472) recombinant protein. (Expected MW is 44.3 kDa)

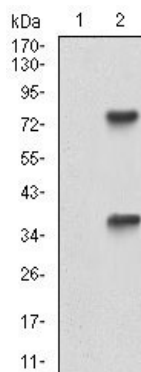


Figure 2: Western blot analysis using TUBE1 mAb against HEK293 (1) and TUBE1 (AA: 314-472)-hIgGFc transfected HEK293 (2) cell lysate.

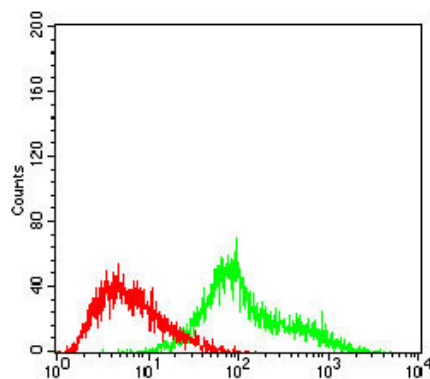


Figure 3: Flow cytometric analysis of HeLa cells using TUBE1 mouse mAb (green) and negative control (red).

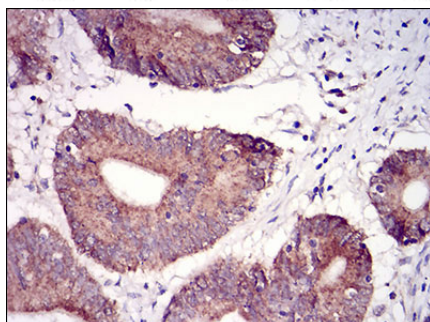


Figure 4: Immunohistochemical analysis of paraffin-embedded colon cancer tissues using TUBE1 mouse mAb with DAB staining.

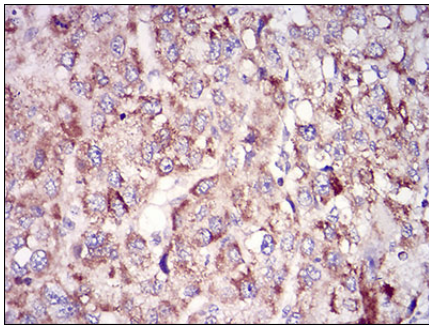


Figure 5: Immunohistochemical analysis of paraffin-embedded liver cancer tissues using TUBE1 mouse mAb with DAB staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.