# Anti-TUBA1C antibody

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|---|---|
| **Cat. No.** | ml223443 |
| **Package** | 25 µl/100 µl/200 µl |
| **Storage** | -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol |

**Product overview**

| | |
|---|---|
| **Description** | Anti-TUBA1C rabbit polyclonal antibody |
| **Applications** | ELISA, WB, IHC |
| **Immunogen** | Fusion protein of human TUBA1C |
| **Reactivity** | Human, Mouse, Rat |
| **Content** | 0.4 mg/ml |
| **Host species** | Rabbit |
| **Ig class** | Immunogen-specific rabbit IgG |
| **Purification** | Antigen affinity purification |

**Target information**

| | |
|---|---|
| **Symbol** | TUBA1C |
| **Full name** | tubulin, alpha 1c |

| **Synonyms** | TUBA6; bcm948 |
|---|---|
| **Swissprot** | Q9BQE3 |

**Target Background**

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.
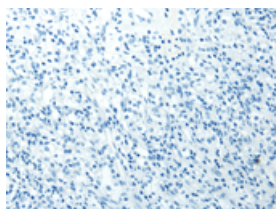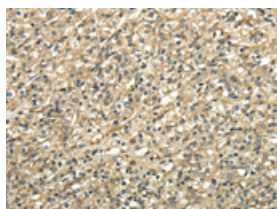
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm and Cell membrane

Positive control: Human prostate cancer

Recommended dilution: 25-100



Predicted cell location: Cytoplasm and Cell membrane

Positive control: Human esophagus cancer
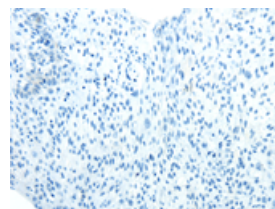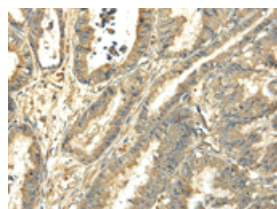
Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human prostate cancer tissue using ml223443(TUBA1C Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: ×200)

The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml223443(TUBA1C Antibody) at dilution 1/25, on the right is treated with fusion protein. (Original magnification: ×200)

### Western blotting

Predicted band size:50 kDa

Positive control:Hela, K562 and NIH/3T3 cell
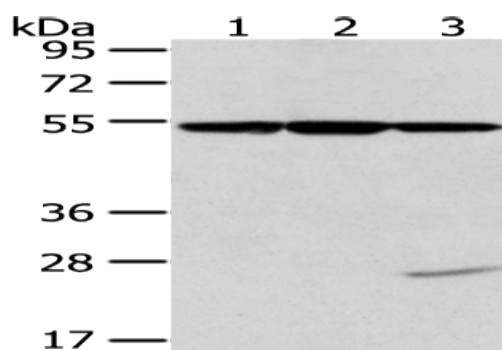
Recommended dilution: 500-2000

Gel: 8%SDS-PAGE

Lysate: 40 μg

Lane 1-3: Hela, K562 and NIH/3T3 cell

Primary antibody: ml223443(TUBA1C Antibody) at dilution 1/400

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 10 seconds



**ELISA**

Recommended dilution: 2000-5000

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