

## Anti-TUBB antibody

|                 |                                                         |
|-----------------|---------------------------------------------------------|
| <b>Cat. No.</b> | ml223070                                                |
| <b>Package</b>  | 25 µl/100 µl/200 µl                                     |
| <b>Storage</b>  | -20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol |

### Product overview

|                     |                                      |
|---------------------|--------------------------------------|
| <b>Description</b>  | Anti-TUBB rabbit polyclonal antibody |
| <b>Applications</b> | ELISA, WB                            |
| <b>Immunogen</b>    | Full length fusion protein           |
| <b>Reactivity</b>   | Human                                |
| <b>Content</b>      | 0.5 mg/ml                            |
| <b>Host species</b> | Rabbit                               |
| <b>Ig class</b>     | Immunogen-specific rabbit IgG        |
| <b>Purification</b> | Antigen affinity purification        |

### Target information

|                  |                                        |
|------------------|----------------------------------------|
| <b>Symbol</b>    | TUBB                                   |
| <b>Full name</b> | tubulin beta class I                   |
| <b>Synonyms</b>  | M40; TUBB1; TUBB5; CDCBM6; OK/SW-cl.56 |
| <b>Swissprot</b> | P07437                                 |

### Target Background

This gene encodes a beta tubulin protein. This protein forms a dimer with alpha tubulin and acts as a structural component of microtubules. Mutations in this gene cause cortical dysplasia, complex, with other brain malformations 6. Alternative splicing results in multiple splice variants. There are multiple pseudogenes for this gene on chromosomes 1, 6, 7, 8, 9, and 13.

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#### Applications

##### Western blotting

Predicted band size: 50 kDa

Positive control: Hela and HEPG2 cell lysates

Recommended dilution: 500-2000

Gel: 8% SDS-PAGE

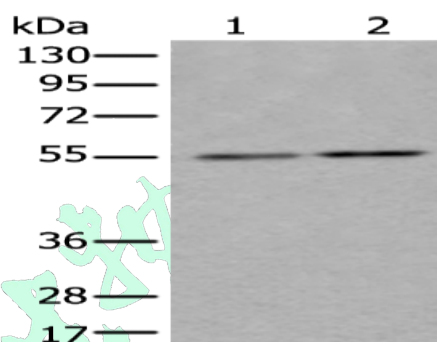
Lysate: 40 µg

Lane 1-2: Hela and HEPG2 cell lysates

Primary antibody: ml223070 (TUBB Antibody) at dilution 1/350

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

Exposure time: 5 seconds



##### ELISA

Recommended dilution: 5000-10000

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