

## Anti-TMED4 antibody

|                 |                                                         |
|-----------------|---------------------------------------------------------|
| <b>Cat. No.</b> | ml123373                                                |
| <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-TMED4 rabbit polyclonal antibody |
| <b>Applications</b> | ELISA, WB, IHC                        |
| <b>Immunogen</b>    | Fusion protein of human TMED4         |
| <b>Reactivity</b>   | Human, Mouse                          |
| <b>Content</b>      | 0.3 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>    | TMED4                                                     |
| <b>Full name</b> | transmembrane emp24 protein transport domain containing 4 |
| <b>Synonyms</b>  | HNLF; ERS25; GMP25iso; p24alpha3                          |
| <b>Swissprot</b> | Q7Z7H5                                                    |

### Target Background

Involved in vesicular protein trafficking, mainly in the early secretory pathway. targeting. Involved in the maintenance of the Golgi apparatus. Appears to play a role in the biosynthesis of secreted cargo including processing. Involved in endoplasmic reticulum stress response. May play a role in the regulation of heat-shock response and apoptosis (By similarity).

订购热线: 4008-898-798

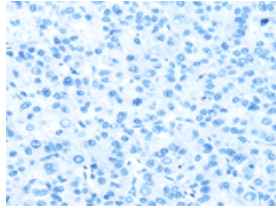
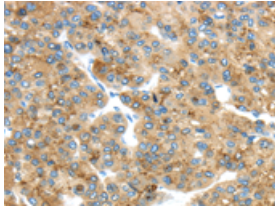
## Applications

### Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 30-150

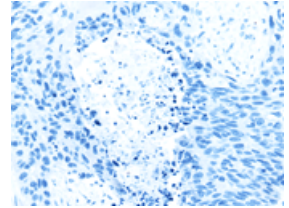
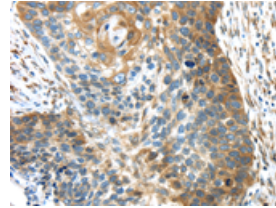


The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml123373(TMED4 Antibody) at dilution 1/45, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

Predicted cell location: Cytoplasm

Positive control: Human esophagus cancer

Recommended dilution: 30-150



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml123373(TMED4 Antibody) at dilution 1/45, on the right is treated with fusion protein. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 26 kDa

Positive control: HepG2, K562 and Hela cells, A549 cells and Mouse intestines tissue

Recommended dilution: 1000-5000

Gel: 8%SDS-PAGE

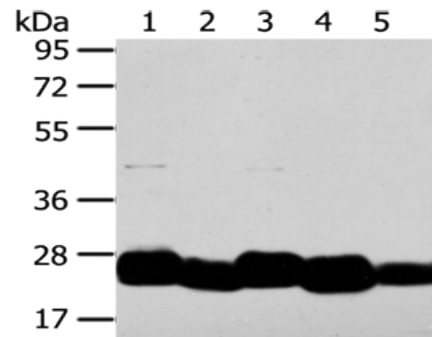
Lysate: 40  $\mu$ g

Lane 1-5: HepG2 cells, K562 cells, Hela cells, A549 cells, Mouse intestines tissue

Primary antibody: ml123373(TMED4 Antibody) at dilution 1/800

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

Exposure time: 1 minute



### ELISA

Recommended dilution: 2000-10000

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