

## TPD52L1 rabbit monoclonal antibody

Catalog # H00007164-K

Size 100 ug x up to 3

### Specification

|                                |  |
|--------------------------------|--|
| <b>Product Description</b>     | Rabbit monoclonal antibody raised against a human TPD52L1 peptide using ARM Technology.  |
| <b>Immunogen</b>               | A synthetic peptide of human TPD52L1 is used for rabbit immunization.<br>Customer or Abnova will decide on the preferred peptide sequence.   |
| <b>Host</b>                    | Rabbit   |
| <b>Library Construction</b>    | Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).   |
| <b>Expression</b>              | Overexpression vector and transfection into 293H cell line.  |
| <b>Reactivity</b>              | Human  |
| <b>Purification</b>            | Protein A  |
| <b>Isotype</b>                 | IgG  |
| <b>Quality Control Testing</b> | Antibody reactive against human TPD52L1 peptide by ELISA and mammalian transfected lysate by Western Blot.   |
| <b>Storage Buffer</b>          | In 1x PBS, pH 7.4  |
| <b>Storage Instruction</b>     | Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.   |
| <b>Deliverable</b>             | Up to three rabbit IgG clones of 100 ug each will be delivered to customer.  |
| <b>Note</b>                    | 1. Customer may provide cell or tissue lysate for antibody screening.<br>2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request. |

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — TPD52L1

|                     |   |
|---------------------|---|
| Entrez GeneID       | <a href="#">7164</a>  |
| GeneBank Accession# | <a href="#">TPD52L1</a>   |
| Gene Name           | TPD52L1   |
| Gene Alias          | D53, MGC8556, TPD52L2, hD53   |
| Gene Description    | tumor protein D52-like 1  |
| Omim ID             | <a href="#">604069</a>  |
| Gene Ontology       | <a href="#">Hyperlink</a>   |
| Gene Summary        | This gene encodes a member of the tumor protein D52 (TPD52) family. The encoded protein contains a coiled-coil domain and may form homo- or hetero-dimer with TPD52 family members. The protein is reported to be involved in cell proliferation and calcium signaling. It also interacts with the mitogen-activated protein kinase kinase kinase 5 (MAP3K5/ASK1) and positively regulates MAP3K5-induced apoptosis. Multiple alternatively spliced transcript variants have been observed, but the full-length nature of some variants has not yet been determined. [provided by RefSeq] |
| Other Designations  | OTTHUMP00000017133 OTTHUMP00000017135 OTTHUMP00000017136 tumor protein D52-like 2 tumor protein D53   |