

## DNTT rabbit monoclonal antibody

Catalog # H00001791-K      Size 100 ug x up to 3

### Specification

|                                |   |
|--------------------------------|---|
| <b>Product Description</b>     | Rabbit monoclonal antibody raised against a human DNTT peptide using ARM Technology.  |
| <b>Immunogen</b>               | A synthetic peptide of human DNTT is used for rabbit immunization. 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 DNTT 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>                    | <ol style="list-style-type: none"><li>1. Customer may provide cell or tissue lysate for antibody screening.</li><li>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.</li></ol> |

### Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — DNTT

|                     |   |
|---------------------|---|
| Entrez GeneID       | <a href="#">1791</a>  |
| GeneBank Accession# | <a href="#">DNTT</a>  |
| Gene Name           | DNTT  |
| Gene Alias          | TDT   |
| Gene Description    | deoxynucleotidyltransferase, terminal   |
| Omim ID             | <a href="#">187410</a>  |
| Gene Ontology       | <a href="#">Hyperlink</a>   |
| Gene Summary        | This gene is a member of the DNA polymerase type-X family and encodes a template-independent DNA polymerase that catalyzes the addition of deoxynucleotides to the 3'-hydroxyl terminus of oligonucleotide primers. In vivo, the encoded protein is expressed in a restricted population of normal and malignant pre-B and pre-T lymphocytes during early differentiation, where it generates antigen receptor diversity by synthesizing non-germ line elements (N-regions) at the junctions of rearranged Ig heavy chain and T cell receptor gene segments. Alternatively spliced transcript variants encoding different isoforms of this gene have been described. [provided by RefSeq] |
| Other Designations  | DNA nucleotidyltransferase OTTHUMP00000020171 nucleosidetriphosphate:DNA deoxynucleotidyltransferase terminal addition enzyme terminal deoxynucleotidyltransferase terminal deoxyribonucleotidyltransferase terminal transferase  |

## Pathway

- [Hematopoietic cell lineage](#)
- [Non-homologous end-joining](#)

## Disease

- [Alzheimer Disease](#)
- [Genetic Predisposition to Disease](#)