

# Anti-DTYMK Rabbit Monoclonal Antibody

Catalog # ABO16386

## Product Information

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|--------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Application</b>       | WB, IHC, IF, ICC, FC                                                                                                             |
| <b>Primary Accession</b> | <a href="#">P23919</a>                                                                                                           |
| <b>Host</b>              | Rabbit                                                                                                                           |
| <b>Isotype</b>           | IgG                                                                                                                              |
| <b>Reactivity</b>        | Human                                                                                                                            |
| <b>Clonality</b>         | Monoclonal                                                                                                                       |
| <b>Format</b>            | Liquid                                                                                                                           |
| <b>Description</b>       | Anti-DTYMK Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human. |

## Additional Information

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| <b>Gene ID</b>             | 1841                                                                                                                                       |
| <b>Other Names</b>         | Thymidylate kinase, 2.7.4.9, dTMP kinase, DTYMK, CDC8, TMPK, TYMK                                                                          |
| <b>Calculated MW</b>       | 23819                                                                                                                                      |
| <b>Application Details</b> | WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>FC 1:50                                                                          |
| <b>Source</b>              | Eukaryota                                                                                                                                  |
| <b>Contents</b>            | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                        |
| <b>Clone Names</b>         | Clone: 29D22                                                                                                                               |
| <b>Immunogen</b>           | A synthesized peptide derived from human DTYMK                                                                                             |
| <b>Purification</b>        | Affinity-chromatography                                                                                                                    |
| <b>Storage</b>             | Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles. |

## Protein Information

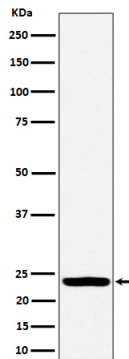
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|-----------------|--------------------------------------------------------------------|
| <b>Name</b>     | DTYMK                                                              |
| <b>Synonyms</b> | CDC8, TMPK, TYMK                                                   |
| <b>Function</b> | Catalyzes the phosphorylation of thymidine monophosphate (dTMP) to |

thymidine diphosphate (dTDP), the immediate precursor for the DNA building block dTTP, with ATP as the preferred phosphoryl donor in the presence of  $Mg^{2+}$ .

## Images

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Western blot analysis of DTYMK expression in HeLa cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.