

# DTYMK Rabbit mAb

Catalog No.: A20921 **Recombinant**

## Basic Information

### Observed MW

24kDa

### Calculated MW

24kDa

### Category

Primary antibody

### Applications

WB,IF/ICC,ELISA

### Cross-Reactivity

Human

### CloneNo number

ARC2896

## Background

Enables thymidylate kinase activity. Predicted to be involved in dTDP biosynthetic process; dTTP biosynthetic process; and dUDP biosynthetic process. Predicted to act upstream of or within cellular response to growth factor stimulus and nucleotide biosynthetic process. Predicted to be located in mitochondrial intermembrane space and mitochondrial matrix. Predicted to be active in cytosol; mitochondrion; and nucleus.

## Recommended Dilutions

**WB** 1:500 - 1:1000

**IF/ICC** 1:50 - 1:200

**ELISA** Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

1841

### Swiss Prot

P23919

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

CDC8; TMPK; TYMK; CONPM; PP3731; DTYMK

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

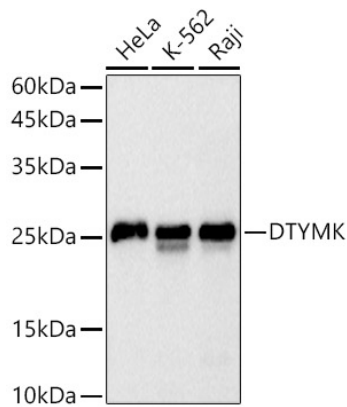
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

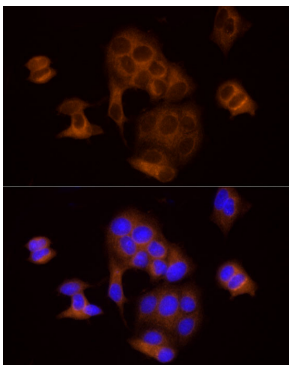
Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

## Validation Data

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Western blot analysis of various lysates using DTYMK Rabbit mAb (A20921) at 1:500 dilution.  
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 3s.



Immunofluorescence analysis of MCF7 cells using DTYMK Rabbit mAb (A20921) at dilution of 1:20 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.