

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

A synthetic peptide corresponding to a sequence within amino acids 100-200 of human DTYMK (P23919).

Synonyms

CDC8; TMPK; TYMK; CONPM; PP3731; DTYMK

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

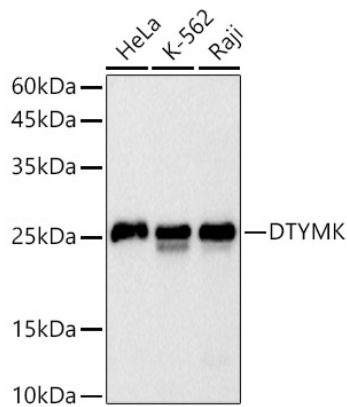
Affinity purification

Storage

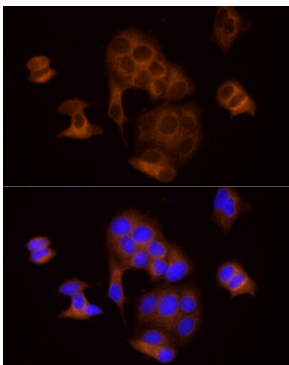
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.

Validation Data



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.