

# Anti-DTYMK Recombinant Rabbit Monoclonal Antibody



**Catalog #: 4002**

## Aliases

DTYMK; Deoxythymidylate Kinase; CDC8; TYMK; TMPK; DTMP Kinase ; Deoxythymidylate Kinase (Thymidylate Kinase); Thymidylate Kinase; Thymidylate (DTMP) Kinase; EC 2.7.4.9; PP3731; CONPM

## Background

Gene Name: DTYMK

NCBI Gene Entry: [1841](#)

UniProt Entry: [P23919](#)

## Application Information

Molecular Weight: Predicted, 24 kDa; observed, 23 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB9100

Species Reactivity: Human

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC)

## Immunogen

A synthesized peptide derived from human DTYMK

## Isotype

Rabbit IgG

## Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

## Storage

Store at -20 °C for one year.

## Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

Immunocytochemistry (IC): 1:100-1:1,000

**Note:** This product is for research use only.

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### SUPPORT

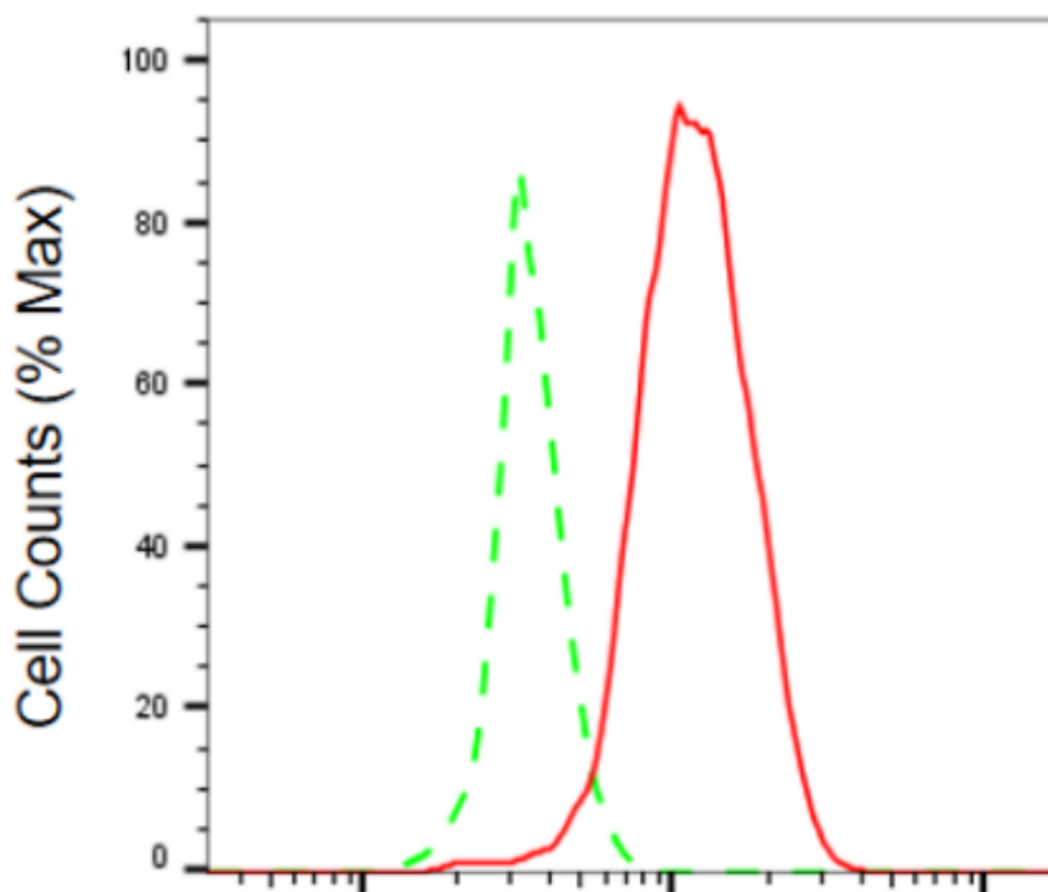
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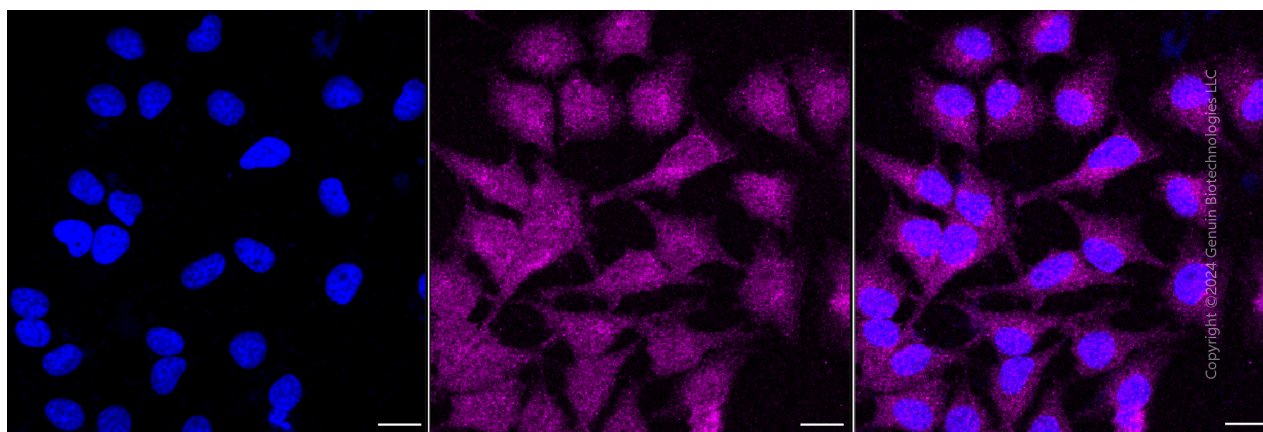
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**Validation Data**



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Flow cytometric analysis of deoxythymidylate kinase expression in Hela cells using anti-deoxythymidylate kinase antibody (Cat#4002, 1:2,000). Green, isotype control; red, deoxythymidylate kinase.



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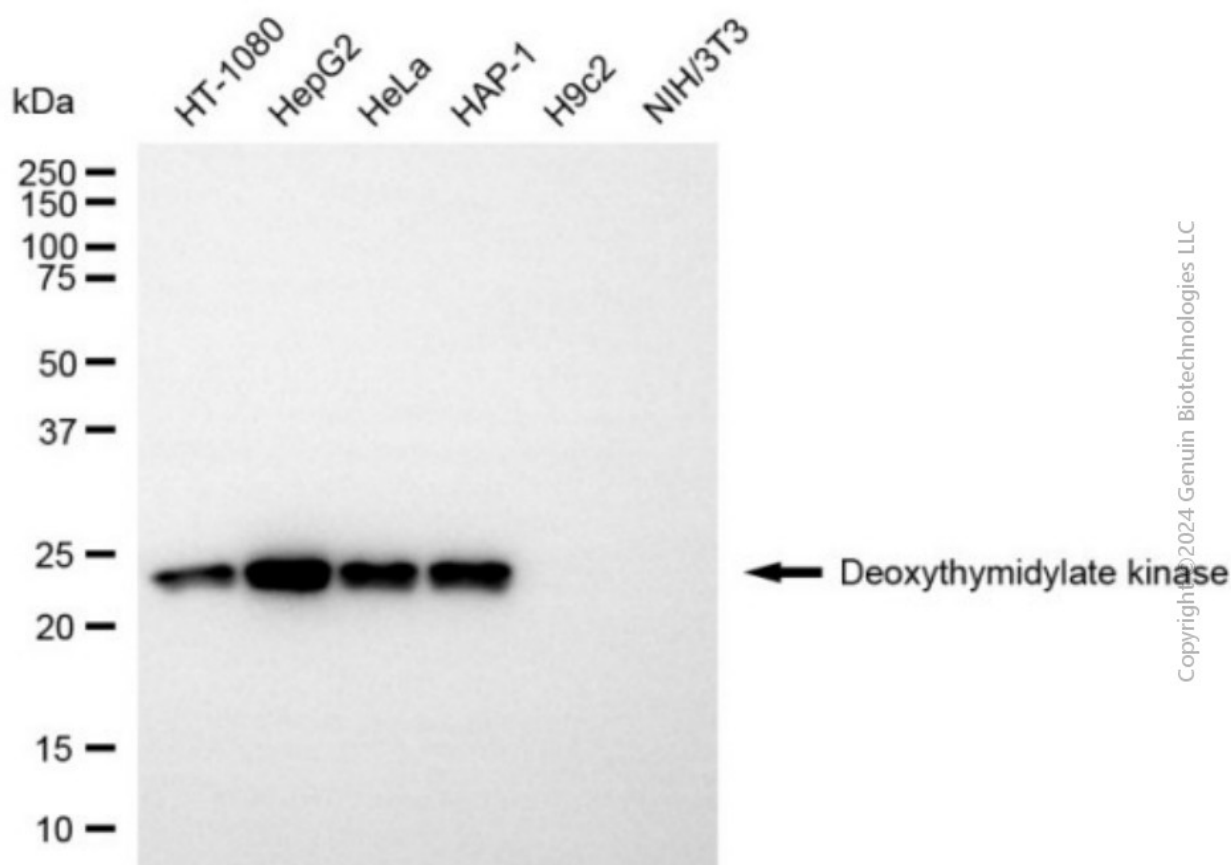
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Immunocytochemical staining of HeLa cells with anti-deoxythymidylate kinase antibody (Cat#4002, 1:1,000). Nuclei were stained blue with DAPI; Deoxythymidylate kinase was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 µm.



Western blotting analysis using anti-deoxythymidylate kinase antibody (Cat#4002). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-deoxythymidylate kinase antibody (Cat#4002, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).

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