

KD-Validated Anti-DTYMK Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1510**Specification**

KD-Validated Anti-DTYMK Rabbit Monoclonal Antibody - Product Information

Application	WB, FC
Primary Accession	P23919
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 24 kDa , observed, 23 kDa
Gene Name	DTYMK
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
Immunogen	A synthesized peptide derived from human DTYMK

KD-Validated Anti-DTYMK Rabbit Monoclonal Antibody - Additional Information

Gene ID	1841
Other Names	
Thymidylate kinase, 2.7.4.9, dTMP kinase, DTYMK, CDC8, TMPK, TYMK	

KD-Validated Anti-DTYMK Rabbit Monoclonal Antibody - Protein Information**Name** DTYMK**Synonyms** CDC8, TMPK, TYMK**Function**

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+).

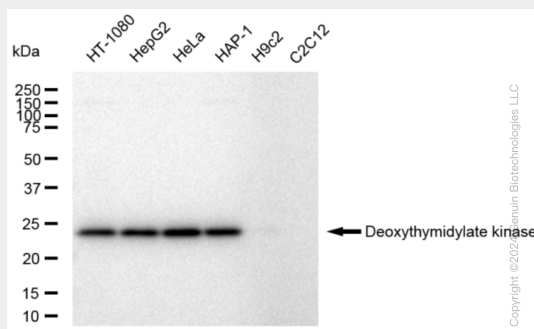
KD-Validated Anti-DTYMK Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

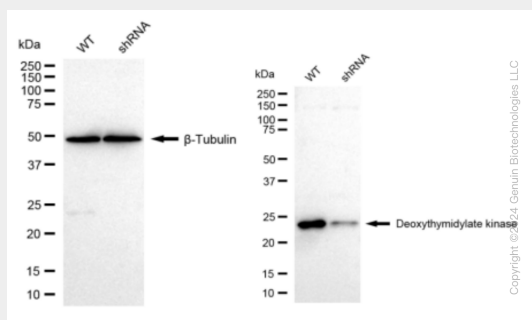
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

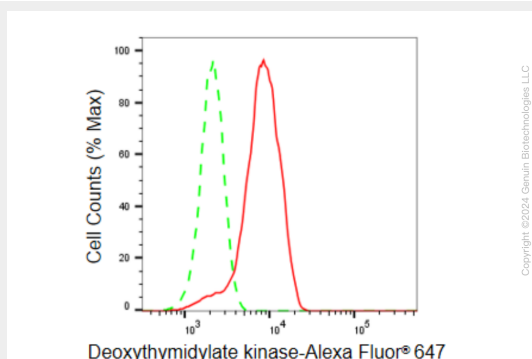
KD-Validated Anti-DTYMK Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-Deoxythymidylate kinase antibody (Cat#AGI1510). 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#AGI1510, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Deoxythymidylate kinase antibody (Cat#AGI1510). Deoxythymidylate kinase expression in wild type (WT) and Deoxythymidylate kinase shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Deoxythymidylate kinase antibody (Cat#AGI1510, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Deoxythymidylate kinase expression in HeLa cells using Deoxythymidylate kinase antibody (Cat#AGI1510, 1:2,000). Green, isotype control; red, Deoxythymidylate kinase.