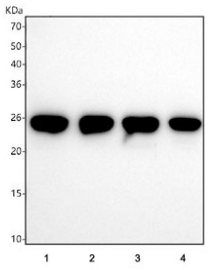
Thymidylate kinase Antibody / DTYMK [clone 29D22] (RQ8794)

Catalog No.	Formulation	Size
RQ8794	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	29D22
Purity	Affinity chromatography
UniProt	P23919
Applications	Western blot: 1:500-1:2000
Limitations	This Thymidylate kinase antibody is available for research use only.



Western blot testing of human 1) A549, 2) HeLa, 3) PC-3 and 4) U-2 OS cell lysate with Thymidylate kinase antibody. Predicted molecular weight ~24 kDa.

Description

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 Mg2+. [UniProt]

Application Notes

Optimal dilution of the Thymidylate kinase antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Thymidylate kinase protein was used as the immunogen for the Thymidylate kinase antibody.

Storage

Store the Thymidylate kinase antibody at -20oC.

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