

Product datasheet for **TA349644S**

DCK Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse heart tissue IHC: 25-100 Positive control: Human tonsil Predicted cell location: Nucleus
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human DCK
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	31 kDa
Gene Name:	deoxycytidine kinase
Database Link:	NP_000779 Entrez Gene 13178 Mouse Entrez Gene 79127 Rat Entrez Gene 1633 Human P27707

Background: Deoxycytidine kinase (DCK) is required for the phosphorylation of several deoxyribonucleosides and their nucleoside analogs. Deficiency of DCK is associated with resistance to antiviral and anticancer chemotherapeutic agents. Conversely, increased deoxycytidine kinase activity is associated with increased activation of these compounds to cytotoxic nucleoside triphosphate derivatives. DCK is clinically important because of its relationship to drug resistance and sensitivity.



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Synonyms: MGC117410; MGC138632

Protein Families: Druggable Genome

Protein Pathways: Purine metabolism, Pyrimidine metabolism

Product images:



Gel: 10%SDS-PAGE

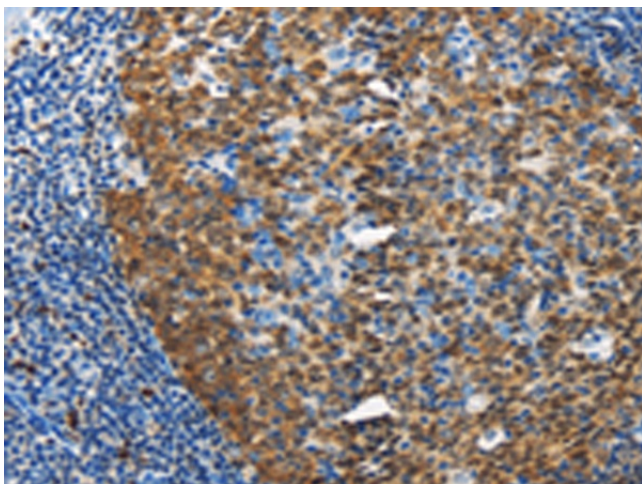
Lysate: 40 µg

Lane: Mouse heart tissue

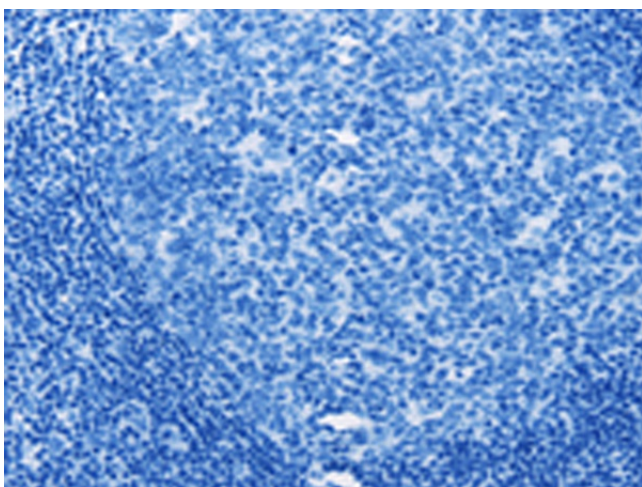
Primary antibody: [TA349644] (DCK Antibody) at dilution 1/550

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 second



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA349644] (DCK Antibody) at dilution 1/20 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA349644] (DCK Antibody) at dilution 1/20, treated with fusion protein. (Original magnification: $\times 200$)