

[KD Validated] DCK Rabbit mAb

Catalog No.: A24071 **Recombinant**

Basic Information

Observed MW

31kDa

Calculated MW

31kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC65397

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.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:100 - 1:500

Immunogen Information

Gene ID

1633

Swiss Prot

P27707

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human DCK (NP_000779.1).

Synonyms

DCK; [KD Validated] DCK

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

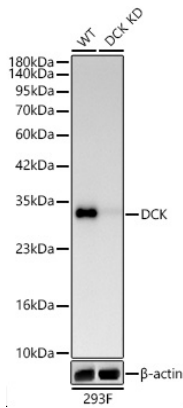
Affinity purification

Storage

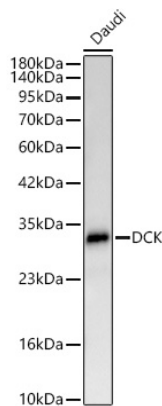
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

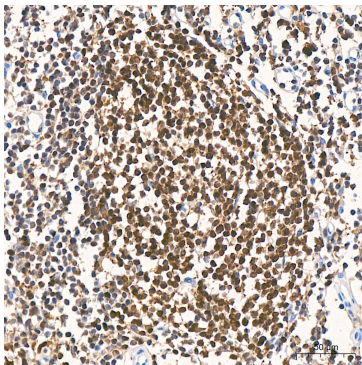
Validation Data



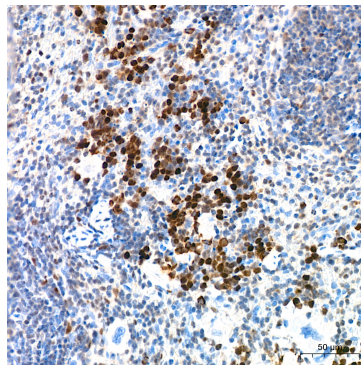
Western blot analysis of lysates from wild type (WT) and DCK knockdown (KD) 293F cells using [KD Validated] DCK Rabbit mAb (A24071) at 1:1000 dilution.
 Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.Lysates/proteins: 25 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection:ECL Basic Kit (RM00020).
 Exposure time: 60s.



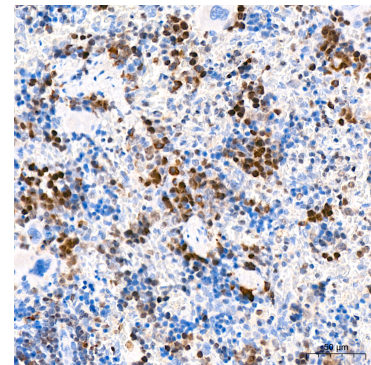
Western blot analysis of lysates from Daudi cells using [KD Validated] DCK Rabbit mAb(A24071) at 1:1000 dilution.
 Secondary antibody:HRP Goat Anti-Rabbit IgG (H+L)(AS014) at 1:10000 dilution.
 Lysates/proteins: 25 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection:ECL Basic Kit (RM00020).
 Exposure time:60s.



Immunohistochemistry analysis of DCK in paraffin-embedded human tonsil tissue using [KD Validated] DCK Rabbit mAb (A24071) at a dilution of 1:300 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of DCK in paraffin-embedded mouse spleen tissue using [KD Validated] DCK Rabbit mAb (A24071) at a dilution of 1:300 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of DCK in paraffin-embedded rat spleen tissue using [KD Validated] DCK Rabbit mAb (A24071) at a dilution of 1:300 (40x lens).High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.