

DCK

Reactivity: Human Mouse Rat

Tested applications: WB IHC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 31kDa

Observed MW: Refer to Figures

Immunogen:

Recombinant protein of human DCK

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

MGC117410; MGC138632;

Catalog #: A1794

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 1633

Isotype: IgG

Swiss Prot: P27707

Purity: Affinity purification

For research use only.

Background:

Deoxycytidine kinase (dCK) is required for the phosphorylation of several deoxyribonucleoside analogues that are widely employed as chemotherapeutic agents (PMID:12628850). It is also a key enzyme in the phosphorylation of a variety of antineoplastic and antiviral nucleoside analogs including cytosine arabinoside (araC) and dideoxycytidine (ddCyd); deficiency of deoxycytidine kinase activity mediates resistance to these drugs (PMID:1996353). This protein can exist as a homodimer (PMID:16421443). This antibody is specific to DCK.

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