

Datasheet for ABIN7464354 **anti-DCK antibody**



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Overview

Quantity:	100 µL
Target:	DCK
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DCK antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human DCK. The exact sequence is proprietary.
Clone:	GT10412
Isotype:	IgG2b
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Affinity purified by Protein A.

Target Details

Target:	DCK
Alternative Name:	deoxycytidine kinase (DCK Products)

Target Details

Background: Deoxycytidine kinase, 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. [provided by RefSeq]

Molecular Weight: 31 kDa

Gene ID: 1633

UniProt: [P27707](#)

Application Details

Application Notes: WB: 1:1000-1:10000. ICC/IF: 1:100-1:1000. IHC-P: 1:100-1:1000. IP: 1:100-1:500. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

Comment: Positive Control: A549 , H1299 , HCT116 , Neuro 2A , C8D30 , NIH-3T3 , Raw264.7 , PC-12 , Rat2 , 293T , A431 , HeLa , HepG2 , DCK-transfected 293T
Validation: Overexpression

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 2.01 mg/mL

Buffer: PBS, No Preservative

Preservative: Without preservative

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.