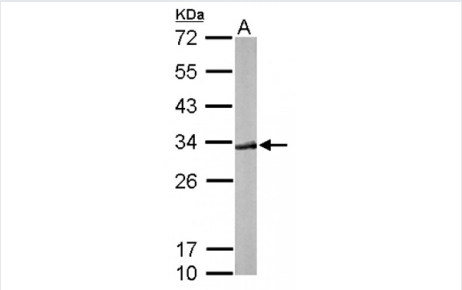
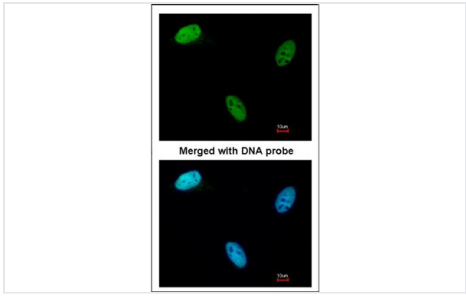
DCK Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

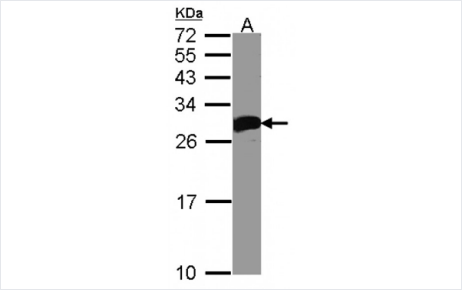
Product Name	DCK, Polyclonal Antibody
Full Product Name	DCK Antibody
Product Gene Name	anti-DCK antibody
Product Synonym Names	Affinity Purified Rabbit Polyclonal DCK Antibody; Polyclonal DCK antibody; Anti-DCK antibody; MGC138632 antibody; deoxycytidine kinase antibody; MGC117410 antibody; deoxynucleoside kinase antibody; DCK antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Form/Format	Supplied as a concentrated soloution containing 0.1M Tris, 0.1M Glycine, 10% Glycerol (pH 7.0). 0.01% Thimerosal was added as a preservative.
Purity/Purification	Antigen-Affinity Chromatography
Concentration	1 mg/ml (lot specific)
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.
Molecular Weight	31 kDa
Immunogen	DCK antibody was raised in rabbit using a recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 226 of DCK
Cross-Reactivity	Human, Mouse
Product Categories/Family for anti-DCK antibody	Proteases; Inhibitors; & Enzymes
Applications Tested/Suitable for anti-DCK antibody	Immunofluorescence (IF), Immunocytochemistry (ICC), Western Blot (WB)
Application Notes for anti-DCK antibody	IF: 1:100-1:500 ICC: 1:100-1:500 WB: 1:500-1:3000
Related Product Information for anti-DCK antibody	Deoxycytidine kinase 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.
Other Notes	Small volumes of anti-DCK antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for DCK purchase	MBS5312149 is an antibody targeting DCK. Also known as DCK Antibody. Host: Rabbit.



Western Blot (WB) of anti-DCK antibody
Western blot analysis of 50 ug of whole cell lysate (A: mouse brain) using a 12% SDS PAGE gel and DCK antibody at a dilution of 1:1000



Immunofluorescence (IF) of anti-DCK antibody
Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Deoxycytidine kinase antibody at 1:200 dilution.



Western Blot (WB) of anti-DCK antibody
Western blot analysis of 30 ug whole cell lysate (A:Raji) using a 12% SDS PAGE gel and DCK antibody at a dilution of 1:1000

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DCK. It may not necessarily be applicable to this product.

NCBI GI #	49456707
NCBI GeneID	1633
UniProt Related Accession #	P27707
NCBI Official Full Name	DCK, partial
NCBI Official Synonym Full Names	deoxycytidine kinase
NCBI Official Symbol	DCK
Protein Family	Deoxyadenosine/deoxycytidine kinase
NCBI Protein Information	deoxycytidine kinase
NCBI Summary for DCK	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, Jul 2008]
Research Articles on DCK	**1.** study suggests that DCK knockdown facilitates apoptosis while inhibiting proliferation and tumorigenicity in vivo of cervical cancer HeLa cells.
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