

Mouse DCK Monoclonal Antibody | anti-DCK antibody

DCK antibody

CATALOG # AAA74691	HOST Mouse	APPLICATIONS Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay
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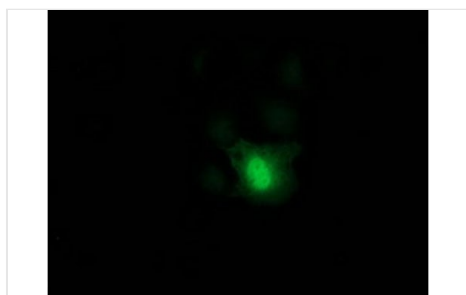
PRODUCT SYNONYMS

DCK; Monoclonal Antibody; DCK antibody; Monoclonal DCK; Anti-DCK; Deoxycytidine Kinase; MGC117410; MGC138632; anti-DCK antibody

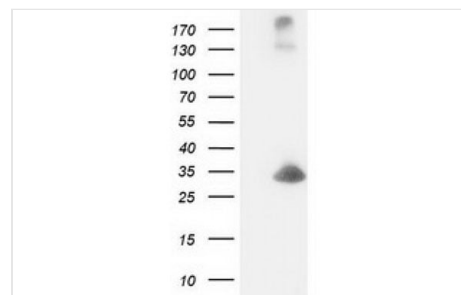
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	3F5
Purity/Purification	DCK antibody was purified by affinity chromatography.
Form/Format	Supplied in PBS buffer, pH 7.3, containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration	500 ug-1 mg/ml (varies by lot)
Sequence Length	260
Applicable Applications for anti-DCK antibody	WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Biological Significance	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.
Cross-Reactivity	Human
Immunogen	DCK antibody was raised in mouse using a full length recombinant protein of human DCK (NP_000779) produced in HEK293T cells, as the immunogen.
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.

IMAGES


IF (Immunofluorescence)

Immunofluorescent staining of COS7 cells transiently transfected with recombinant DCK protein using DCK antibody


WB (Western Blot)

Western Blot analysis of HEK293T cell lysates (5 ug) transfected with either recombinant DCK protein (Right) or empty vector (Left) detected with DCK antibody

ADDITIONAL INFORMATION

Related Product Information for anti-DCK antibody	Mouse monoclonal DCK antibody
Product Categories/Family for anti-DCK antibody	Proteases; Inhibitors; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503269
NCBI GeneID	1633
NCBI Accession #	NP_000779
NCBI GenBank Nucleotide #	NM_000788.2
UniProt Accession #	P27707; Q5TZY7; Q6FI11; B2R8V6
Molecular Weight	30,519 Da
NCBI Official Full Name	deoxycytidine kinase
NCBI Official Synonym Full Names	deoxycytidine kinase
NCBI Official Symbol	DCK
NCBI Protein Information	deoxycytidine kinase
UniProt Protein Name	Deoxycytidine kinase
UniProt Gene Name	DCK
UniProt Synonym Gene Names	dCK
UniProt Entry Name	DCK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/dck-antibody-clone-3f5-western-blot-immunofluorescence-flow-cytometry-elisa/74691>