

Deoxycytidine kinase antibody

Catalog No: #22571



Orders: order@signalwayantibody.com
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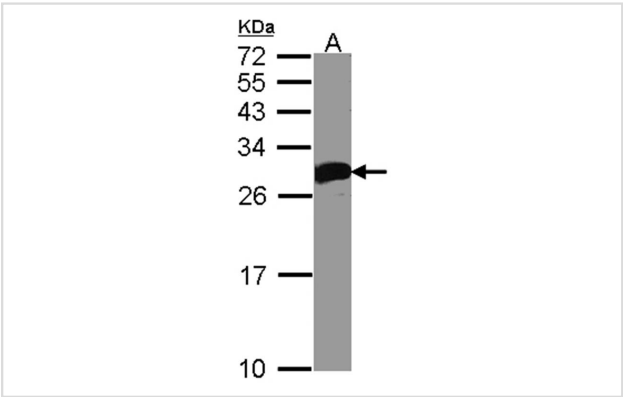
Description

Product Name	Deoxycytidine kinase antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Purified by antigen-affinity chromatography.
Applications	WB IF
Species Reactivity	Hu
Immunogen Type	Recombinant protein
Immunogen Description	Recombinant protein fragment contain a sequence corresponding to a region within amino acids 1 and 216 of Deoxycytidine kinase
Target Name	Deoxycytidine kinase
Accession No.	Swiss-Prot:P27707Gene ID:1633
Uniprot	P27707
GeneID	1633;
Concentration	1mg/ml
Formulation	Supplied in 0.1M Tris-buffered saline with 10% Glycerol (pH7.0). 0.01% Thimerosal was added as a preservative.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.

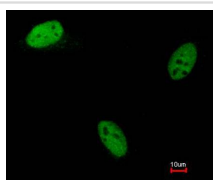
Application Details

Predicted MW: 31kd
Western blotting: 1:500-1:3000
Immunofluorescence: 1:100-1:200

Images



Sample(30 ug whole cell lysate)
A: Raji
12% SDS PAGE
Primary antibody diluted at 1: 1000



Merged with DNA probe



Immunofluorescence analysis of paraformaldehyde-fixed HeLa, using Deoxycytidine kinase antibody at 1: 200 dilution.

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. [provided by RefSeq]

Note: This product is for in vitro research use only