
Product Name: KD-Validated DEK Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA01393**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM,ICC
Reactivity	Human,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 42.7kDa

Antigen Information

Gene Name	DEK
Alternative Names	DEK; DEK Proto-Oncogene; D6S231E; DEK Oncogene (DNA Binding); Protein DEK; DEK Oncogene
Gene ID	7913.0
SwissProt ID	P35659
Immunogen	A synthesized peptide derived from human DEK

Background

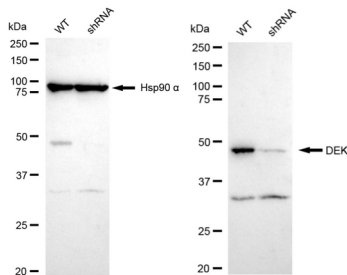
This gene encodes a protein with one SAP domain. This protein binds to cruciform and superhelical DNA and induces positive supercoils into closed circular DNA, and is also involved in splice site selection during mRNA processing. Chromosomal aberrations involving this region, increased expression of this gene, and the presence of antibodies against this protein are all

associated with various diseases. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2008]

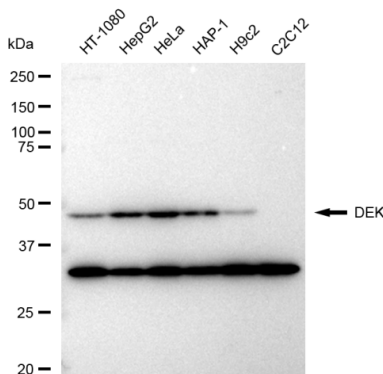
Research Area

Epigenetics and Nuclear Signaling

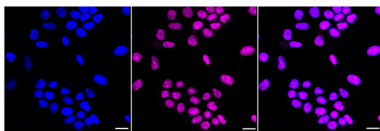
Image Data



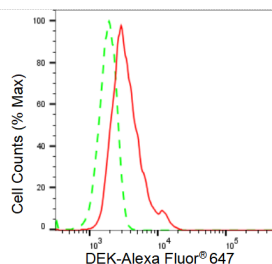
Western blotting analysis using DEK antibody (KVA01393). DEK expression in wild type (WT) and DEK shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with DEK antibody (KVA01393, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using DEK antibody (KVA01393). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with DEK antibody (KVA01393, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Immunocytochemical staining of HeLa cells with DEK antibody (KVA01393, 1:1,000). Nuclei were stained blue with DAPI; DEK was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser intensity and smart gain: High. Scale bar: 20 µm.



Flow cytometric analysis of DEK expression in HeLa cells using DEK antibody (KVA01393, 1:2,000). Green, isotype control; red, DEK.