

DEK Rabbit mAb

Catalog No: #49875

Package Size: #49875-1 50ul #49875-2 100ul

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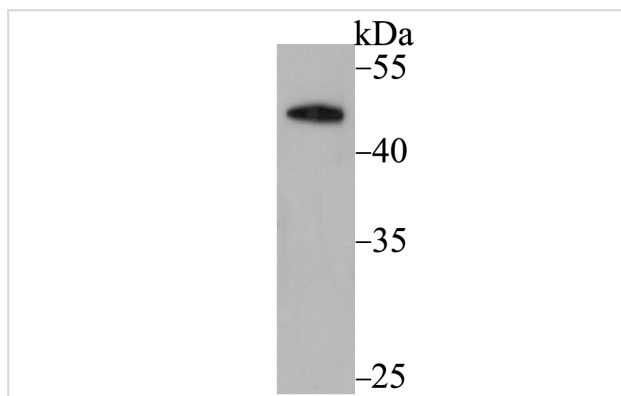
Description

Product Name	DEK Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JB36-32
Purification	ProA affinity purified
Applications	WB,IP
Species Reactivity	Hu
Immunogen Description	Recombinant protein corresponding to C-terminal human DEK.
Other Names	D6S231E antibody Dek antibody DEK gene antibody DEK oncogene antibody DEK oncogene DNA binding antibody DEK_HUMAN antibody Protein DEK antibody
Accession No.	Swiss-Prot#:P35659
Calculated MW	43 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:1,000 IP: 1:50-1:100

Images



Western blot analysis of DEK on A431 cell lysate using anti-DEK antibody at 1/500 dilution.

Background

The mammalian nuclear phosphoprotein DEK is implicated in multiple cellular processes, including transcriptional regulation, mRNA processing, and chromatin remodeling, and is associated with a number of clinical autoimmune and neoplastic conditions. DEK, an abundant chromatin-associated protein, changes the topology of DNA in chromatin *in vitro*. Although first identified in a fusion with the CAN/Nup214 nucleoporin protein in a specific subtype of acute myelogenous leukemia, DEK is also an autoantigen in patients with Pauciarticular onset juvenile rheumatoid arthritis. Furthermore, the last 65 amino acids of DEK can partially reverse the mutation-prone phenotype of cells from patients with ataxia-telangiectasia. The human DEK gene maps to chromosome 6p22.3.

References

1. Hu H.G et al. The distribution of the DEK protein in mammalian chromatin. *Biochem Biophys Res Commun* 358:1008-1014 (2007).
2. Takata H et al. Proteome analysis of human nuclear insoluble fractions. *Genes Cells* 14:975-990 (2009).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.