

For Research Use Only

DEK Recombinant antibody

Catalog Number: 82880-1-RR

Featured Product



Basic Information

Catalog Number:

82880-1-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8225

GenBank Accession Number:

BC035259

GeneID (NCBI):

7913

UNIPROT ID:

P35659

Full Name:

DEK oncogene

Calculated MW:

43 kDa

Observed MW:

45-50 kDa

Purification Method:

Protein A purification

CloneNo.:

230065H2

Recommended Dilutions:

WB 1:2000-1:10000

IHC 1:500-1:2000

IF/ICC 1:500-1:2000

Applications

Tested Applications:

WB, IHC, IF/ICC, FC (Intra), ELISA

Species Specificity:

human, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, PC-12 cells

IHC : human skin cancer tissue,

IF/ICC : U2OS cells, HeLa cells

Background Information

Dek oncogene(DEK) is first recognized in a fusion with CAN nucleoporin protein, and it's a also autoantigen in patients with pquciarticular onset juvenile rheumatoid arthritis. As a site-specific binding protein, DEK may involve in transcriptional regulation and signal transduction. Analysis by agarose gel elctrophoresis, DEK showed to reduce the efficiency with which chromatin is replicated. It's one of the first components of the splicing complex, which remains associate with spliced exons dependent on prior splicing of pre-mRNA.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

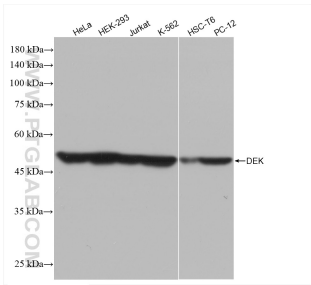
T: 4006900926

E: Proteintech-CN@ptglab.com

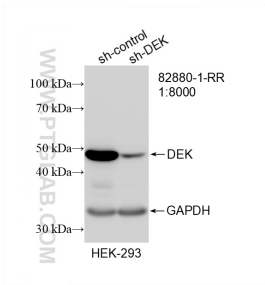
W: ptgcn.com

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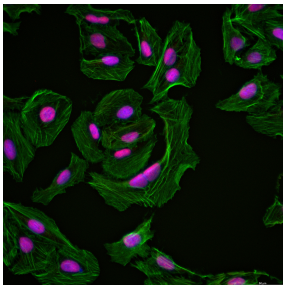
Selected Validation Data



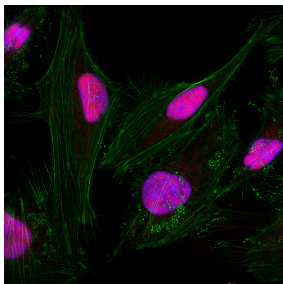
Various lysates were subjected to SDS PAGE followed by western blot with 82880-1-RR (DEK antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



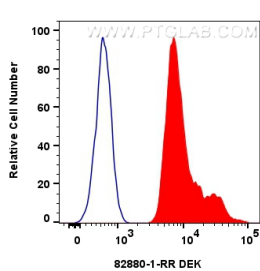
WB result of DEK antibody (82880-1-RR; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DEK transfected HEK-293 cells.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using DEK antibody (82880-1-RR, Clone: 230065H2) at dilution of 1:1000 and Multi-rAb CoraLite® Plus 594-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR004).



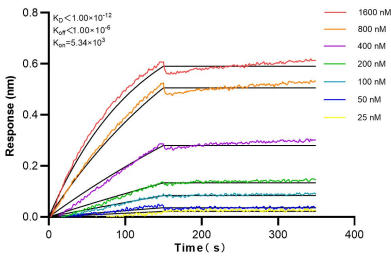
Immunofluorescent analysis of (4% PFA) fixed HeLa cells using DEK antibody (82880-1-RR, Clone: 230065H2) at dilution of 1:1000 and Multi-rAb CoraLite® Plus 594-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR004).



1x10⁶ HeLa cells were intracellularly stained with 0.25 ug DEK Recombinant antibody (82880-1-RR, Clone:230065H2) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2) (red), or 0.25 ug Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunohistochemical analysis of paraffin-embedded skin cancer slide using 82880-1-RR (DEK antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 82880-1-RR against Human DEK are performed. The affinity constant is below 1 pM.