

For Research Use Only

DEK Recombinant antibody, PBS Only

Catalog Number: 82880-1-PBS

Featured Product



Basic Information

Catalog Number:

82880-1-PBS

Size:

100ug, Concentration: 1mg/ml by Nanodrop;

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

Applications

Tested Applications:

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

Species Specificity:

human, rat

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 transdcution. Analysis by agarose gel celctrophoresis, DEK showed to reduce the efficiency with which chromation 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 -80°C.

Storage Buffer:

PBS Only

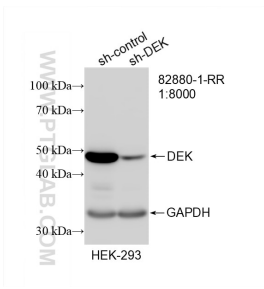
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

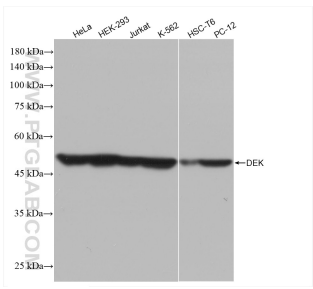
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

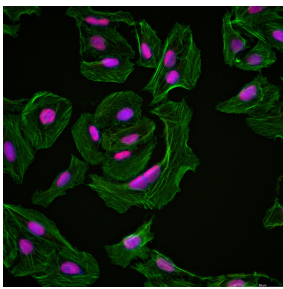
Selected Validation Data



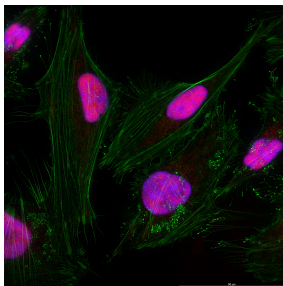
WB result of DEK antibody (82880-1-RR; 1:8000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DEK transfected HEK-293 cells. This data was developed using the same antibody clone with 82880-1-PBS in a different storage buffer formulation.



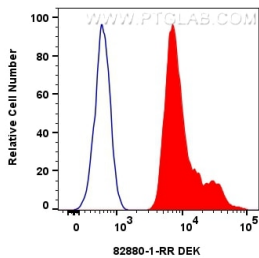
Various lysates were subjected to SDS PAGE followed by western blot with 82880-1-RR (DEK antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82880-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 82880-1-PBS in a different storage buffer formulation.

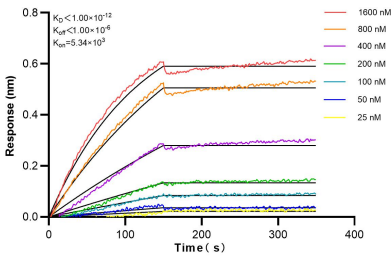


Immunofluorescent analysis of (4% PFA) fixed HeLa cells using DEK antibody (82880-1-RR, Clone: 230065H2) at dilution of 1:1000 and Multi-rAb CoraLite® Plus 594-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR004). This data was developed using the same antibody clone with 82880-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 82880-1-PBS in a different storage buffer formulation.

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). This data was developed using the same antibody clone with 82880-1-PBS in a different storage buffer formulation.



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