

For Research Use Only

# CoraLite® Plus 647-conjugated DEK Monoclonal antibody



Catalog Number: CL647-66194

Featured Product

## Basic Information

<b>Catalog Number:</b> CL647-66194	<b>GenBank Accession Number:</b> BC035259	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/mL by Nanodrop;	<b>GeneID (NCBI):</b> 7913	<b>CloneNo.:</b> 5E3A6
<b>Source:</b> Mouse	<b>Full Name:</b> DEK oncogene	<b>Excitation/Emission maxima wavelengths:</b> 654 nm / 674 nm
<b>Isotype:</b> IgG2a	<b>Calculated MW:</b> 43 kDa	
<b>Immunogen Catalog Number:</b> AG8225	<b>Observed MW:</b> 40-50 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**Species Specificity:**  
human, mouse, rat

## Background Information

Dek oncogene(DEK) is first recognized in a fusion with CAN nucleoporin protein, and it's 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 electrophoresis, 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. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

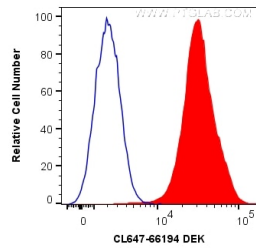
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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

## Selected Validation Data



1X10<sup>6</sup> K-562 cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human DEK (CL647-66194, Clone:5E3A6) (red), or 0.2 ug isotype control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).