

For Research Use Only

# CoraLite® Plus 750-conjugated DDX19A Recombinant antibody

Catalog Number: CL750-83106



## Basic Information

Catalog Number:

CL750-83106

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7362

GenBank Accession Number:

BC005162

GeneID (NCBI):

55308

UNIPROT ID:

Q9NUU7

Full Name:

DEAD (Asp-Glu-Ala-As) box  
polypeptide 19A

Calculated MW:

54 kDa

Observed MW:

54 kDa

Purification Method:

Protein A purification

CloneNo.:

230232B12

Recommended Dilutions:

WB 1:500-1:1000

Excitation/Emission maxima  
wavelengths:

755 nm / 780 nm

## Applications

Tested Applications:

WB

Species Specificity:

human, mouse

Positive Controls:

WB : HEK-293 cells, HepG2 cells, HeLa cells, K-562 cells

## Background Information

DDX19A, also known as DDX19L, belongs to the DEAD-box helicase family. DDX19A was identified as a novel cytosolic RNA sensor that could activate the NLRP3 inflammasome during virus infection. In addition, DDX19A was proven to be associated with NADPH oxidase 1 (NOX1)-mediated oxidative stress in tumor necrosis factor (TNF)- $\alpha$ -induced A549 cell (PMID: 33968728). It may represent biomarkers of metastasis and novel therapeutic targets in CSCC patients.

## 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

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

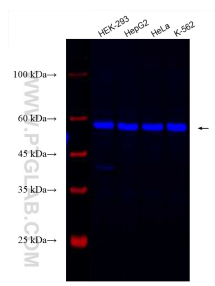
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

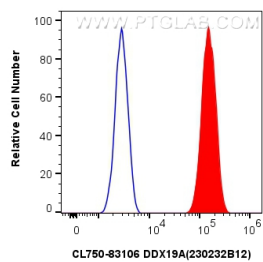
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL750-83106 (DDX19A antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  U2OS cells were intracellularly stained with 0.4  $\mu$ g Coralite® Plus 750-conjugated DDX19A Recombinant antibody (CL750-83106, Clone:230232B12)(red), or 0.4  $\mu$ g Isotype Control (CL750-3000) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).