

For Research Use Only

CoraLite® Plus 750-conjugated DDX19A Recombinant antibody

Catalog Number:CL750-83106



Basic Information

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|--|--|---|
| Catalog Number: CL750-83106 | GenBank Accession Number: BC005162 | Purification Method: Protein A purification |
| Size: 100ul , Concentration: 1000 ug/ml by Nanodrop; | GeneID (NCBI): 55308 | CloneNo.: 230232B12 |
| Source: Rabbit | UNIPROT ID: Q9NUU7 | Recommended Dilutions: WB 1:500-1:1000 |
| Isotype: IgG | Full Name: DEAD (Asp-Glu-Ala-As) box polypeptide 19A | Excitation/Emission maxima wavelengths: 755 nm / 780 nm |
| Immunogen Catalog Number: AG7362 | Calculated MW: 54 kDa | |
| | Observed MW: 54 kDa | |

Applications

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|---|---|
| Tested Applications: WB | Positive Controls: WB : HEK-293 cells, HepG2 cells, HeLa cells, K-562 cells |
| Species Specificity: human, mouse | |

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)- α -induced A549 cell (PMID: 33968728). It may represent biomarkers of metastasis and novel therapeutic targets in CSCC patients.

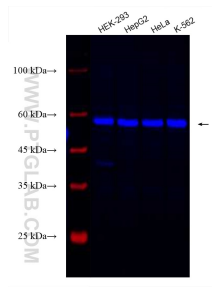
Storage

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

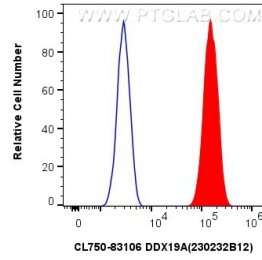
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



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.



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