

For Research Use Only

CDK8 Recombinant antibody

Catalog Number: 83621-6-RR



Basic Information

Catalog Number:

83621-6-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG17148

GenBank Accession Number:

BC069634

GeneID (NCBI):

1024

UNIPROT ID:

P49336

Full Name:

cyclin-dependent kinase 8

Calculated MW:

464 aa, 53 kDa

Observed MW:

53 kDa

Purification Method:

Protein A purification

CloneNo.:

240598G9

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:150-1:600

Applications

Tested Applications:

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

Species Specificity:

human, mouse

Positive Controls:

WB : HeLa cells, HEK-293 cells, NIH/3T3 cells, RAW 264.7 cells, A549 cells, HCT 116 cells

IF/ICC : HepG2 cells,

Background Information

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:

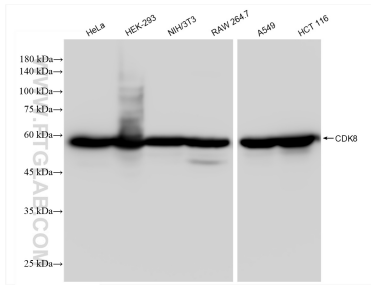
T: 4006900926

E: Proteintech-CN@ptglab.com

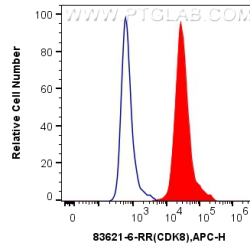
W: ptgcn.com

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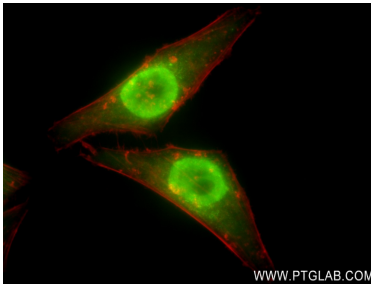
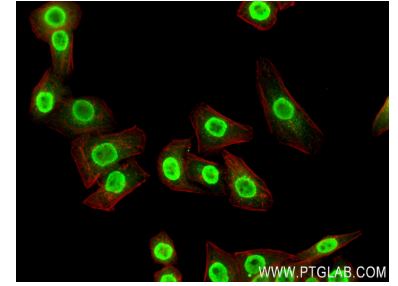
Selected Validation Data



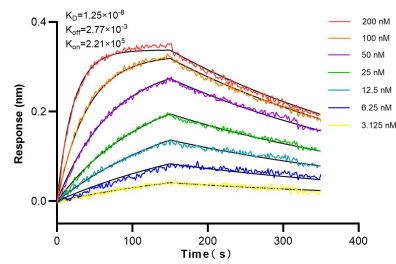
Various lysates were subjected to SDS PAGE followed by western blot with 83621-6-RR (CDK8 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



1×10^6 Caco-2 cells were intracellularly stained with 0.25 μ g CDK8 Recombinant antibody (83621-6-RR, Clone:240598G9) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 μ g Isotype Control (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using CDK8 antibody (83621-6-RR, Clone: 240598G9) at dilution of 1:300 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Biolayer interferometry (BLI) kinetic assays of 83621-6-RR against Human CDK8 were performed. The affinity constant is 12.5 nM.