

For Research Use Only

# BCL9 Recombinant antibody

Catalog Number:83760-3-RR



## Basic Information

Catalog Number:

83760-3-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19158

GenBank Accession Number:

BC116451

GeneID (NCBI):

607

UNIPROT ID:

O00512

Full Name:

B-cell CLL/lymphoma 9

Calculated MW:

1426 aa, 149 kDa

Purification Method:

Protein A purification

CloneNo.:

240682A9

Recommended Dilutions:

IF/ICC 1:150-1:600

## Applications

Tested Applications:

IF/ICC, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

IF/ICC : HeLa cells,

## Background Information

BCL9 is associated with B-cell acute lymphoblastic leukemia. It may be a target of translocation in B-cell malignancies with abnormalities of 1q21. Its function is unknown. The overexpression of BCL9 may be of pathogenic significance in B-cell malignancies.

## 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:

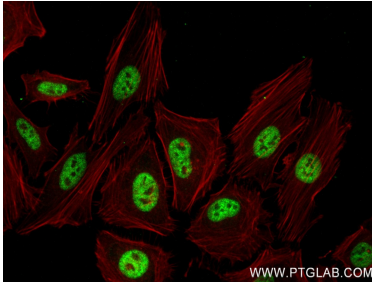
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E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

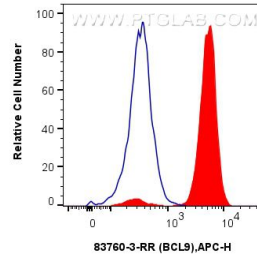
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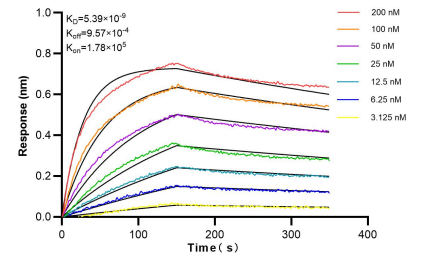
## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using BCL9 antibody (83760-3-RR, Clone: 240682A9) at dilution of 1:300 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



$1 \times 10^6$  SH-SY5Y cells were intracellularly stained with 0.25  $\mu$ g Bcl9 Recombinant Antibody (83760-3-RR, Clone:240682A9) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25  $\mu$ g Isotype Control (blue). Cells were fixed and permeabilized with True-Nuclear Transcription Factor Buffer Set.



Bi-layer interferometry (BLI) kinetic assays of 83760-3-RR against Human BCL9 were performed. The affinity constant is 5.39 nM.