

For Research Use Only

# NEIL1 Recombinant antibody

Catalog Number:83376-3-RR



## Basic Information

Catalog Number:

83376-3-RR

Size:

500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2793

GenBank Accession Number:

BC010876

GeneID (NCBI):

79661

UNIPROT ID:

Q96F14

Full Name:

nei endonuclease VIII-like 1 (E. coli)

Calculated MW:

390 aa, 44 kDa

Purification Method:

Protein A purification

CloneNo.:

240322B7

Recommended Dilutions:

IF/ICC 1:125-1:500

## Applications

Tested Applications:

IF/ICC, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

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:

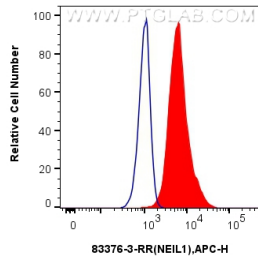
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

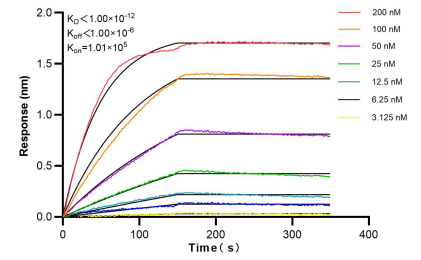
## Selected Validation Data



$1 \times 10^6$  A549 cells were intracellularly stained with 0.25  $\mu$ g Neil1 Recombinant Antibody (83376-3-RR, Clone:240322B7) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25  $\mu$ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using NEIL1 antibody (83376-3-RR, Clone: 240322B7) at dilution of 1:250 and CoraLite@488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).



Bi-layer interferometry (BLI) kinetic assays of 83376-3-RR against Human NEIL1 were performed. The affinity constant is below 1 pM.