

For Research Use Only

# NEIL1 Recombinant antibody

Catalog Number: 83376-3-RR



## Basic Information

Catalog Number:	83376-3-RR	GenBank Accession Number:	BC010876	Purification Method:	Protein A purification
Size:	500 ug/ml	GeneID (NCBI):	79661	CloneNo.:	24032287
Source:	Rabbit	UNIPROT ID:	Q96FI4	Recommended Dilutions:	IHC 1:125-1:500 IF/ICC 1:125-1:500
Isotype:	IgG	Full Name:	nei endonuclease VIII-like 1 (E. coli)		
Immunogen Catalog Number:	AG2793	Calculated MW:	390 aa, 44 kDa		

## Applications

**Tested Applications:**  
IHC, IF/ICC, FC (Intra), ELISA

**Species Specificity:**  
human

**Positive Controls:**  
IHC : mouse spleen tissue,  
IF/ICC : HepG2 cells,

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## 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:

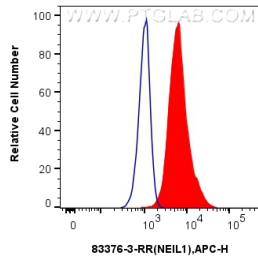
T: 4006900926

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

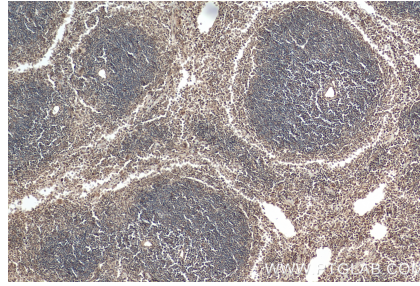
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## Selected Validation Data



1x10<sup>6</sup> A549 cells were intracellularly stained with 0.25 ug Neil1 Recombinant Antibody (83376-3-RR, Clone:240322B7) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 83376-3-RR (NEIL1 antibody) at dilution of 1:250 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).