

For Research Use Only

# NEIL1 Recombinant antibody, PBS Only (Detector)

Catalog Number: 83376-3-PBS



## Basic Information

Catalog Number:	83376-3-PBS	GenBank Accession Number:	BC010876	Purification Method:	Protein A purification
Size:	1 mg/ml	GeneID (NCBI):	79661	CloneNo.:	24032287
Source:	Rabbit	UNIPROT ID:	Q96FI4		
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), Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human

## Background Information

### Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

For technical support and original validation data for this product please contact:

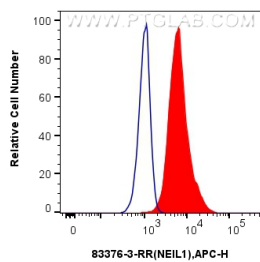
T: 4006900926

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

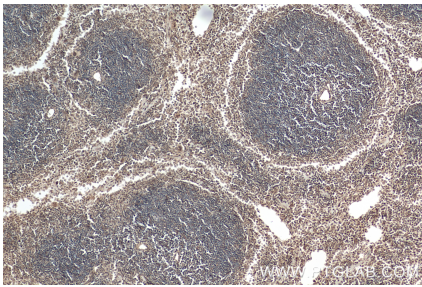
W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



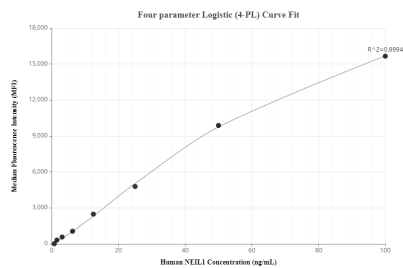
1x10<sup>6</sup> A549 cells were intracellularly stained with 0.25 ug Neil1 Recombinant Antibody (83376-3-RR, Clone:240322B7) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83376-3-PBS in a different storage buffer formulation.



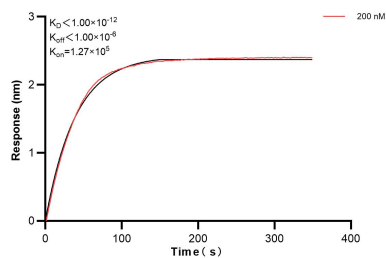
Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 83376-3-RR (NEIL1 antibody) at dilution of 1:250 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 83376-3-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 83376-3-PBS in a different storage buffer formulation.



Cytometric bead array standard curve of MP00380-2, NEIL1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83376-4-PBS. Detection antibody: 83376-3-PBS. Standard: Ag2793. Range: 0.78-100 ng/mL



Biolayer interferometry (BLI) kinetic assay of 83376-3-PBS against Human NEIL1 was performed. The affinity constant is below 1 pM.