

For Research Use Only

# IL-28A Monoclonal antibody, PBS Only (Detector)

Catalog Number: 68669-1-PBS



## Basic Information

Catalog Number: 68669-1-PBS	GenBank Accession Number: GeneID (NCBI): 282616	Purification Method: Protein G purification
Concentration: 1mg/ml	Full Name: interleukin 28A (interferon, lambda 2)	CloneNo.: 1A5C4
Source: Mouse	Affinity: $K_D = 5.94 \times 10^{-9}$	
Isotype: IgG1		$K_{off} = 3.48 \times 10^{-4}$
Immunogen Catalog Number: HZ-1235		$K_{on} = 5.86 \times 10^4$

## Applications

Tested Applications:  
Sandwich ELISA, Indirect ELISA, Sample test

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, pH7.3

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

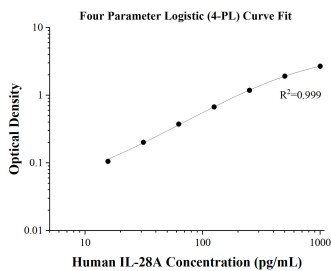
T: 4006900926

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

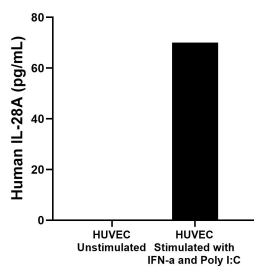
W: [ptgcn.com](http://ptgcn.com)

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

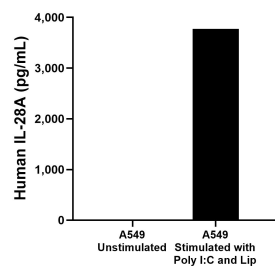
## Selected Validation Data



Sandwich ELISA standard curve of MP50008-1, IL-28A Monoclonal Matched Antibody Pair - PBS only. 60270-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard HZ-1235. 68669-1-PBS was HRP conjugated as the detection antibody. Range: 15.6-1000 pg/mL



HUVEC cells were cultured unstimulated or stimulated with 100 ng/mL IFN-a and 10  $\mu$ g/mL Poly I:C for 3 hours. The mean IL-28A concentration was undetectable in unstimulated supernatant, 70.0 pg/mL in stimulated supernatant.



A549 cells were cultured unstimulated or stimulated with 10  $\mu$ g/mL Poly I:C and 5  $\mu$ g/mL Lip for 1 day. The mean IL-28A concentration was undetectable in unstimulated supernatant, 3,774.2 pg/mL in stimulated supernatant.