

For Research Use Only

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

Catalog Number: 68669-1-PBS



Basic Information

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| Catalog Number: 68669-1-PBS | GenBank Accession Number: GeneID (NCBI): 282616 | Purification Method: Protein G purification |
| Size: 100ug , Concentration: 1mg/ml by Nanodrop; | Full Name: interleukin 28A (interferon, lambda 2) | CloneNo.: 1A5C4 |
| Source: Mouse | | Affinity: $K_D = 5.94 \times 10^{-9}M$ $K_{off} = 3.48 \times 10^{-4}M$ $K_{on} = 5.86 \times 10^4M$ |
| Isotype: IgG1 | | |
| Immunogen Catalog Number: HZ-1235 | | |

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Product Information

68669-1-PBS targets IL-28A as part of a matched antibody pair.

MP50008-1: 60270-1-PBS capture and 68669-1-PBS detection (validated in Sandwich ELISA)

Unconjugated mouse monoclonal antibody pair in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

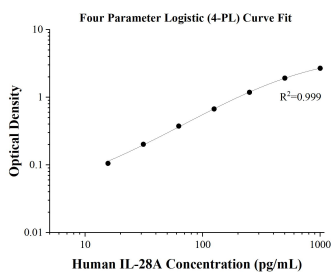
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

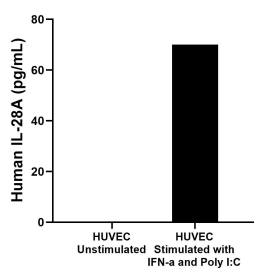
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

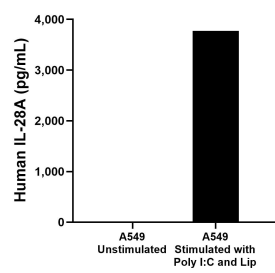
Selected Validation Data



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 µg/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 µg/mL Poly I:C and 5 µg/mL Lip for 1 day. The mean IL-28A concentration was undetectable in unstimulated supernatant, 3,774.2 pg/mL in stimulated supernatant.