

IL-28A Monoclonal Matched Antibody Pair, PBS Only

Catalog Number: MP50008-1

Capture Antibody Information

Catalog Number: 60270-1-PBS	Clone ID: 3B4A1	Conjugate: Unconjugated
Host: Mouse	Reactivity: human	Full name: interleukin 28A (interferon, lambda 2)
Isotype: IgG1	Immunogen Catalog Number: Ag18525	Gene ID: 282616
Purification Method: Protein G purification		Affinity: $K_D = 1.77 \times 10^9 M$ $K_{Off} = 4.10 \times 10^{-5} M$ $K_{On} = 2.31 \times 10^4 M$

Detection Antibody Information

Catalog Number: 68669-1-PBS	Clone ID: 1A5C4	Conjugate: Unconjugated
Host: Mouse	Reactivity: human	Full name: interleukin 28A (interferon, lambda 2)
Isotype: IgG1	GenBank: HZ-1235	Gene ID: 282616
Purification Method: Protein G purification		Affinity: $K_D = 5.94 \times 10^9 M$ $K_{Off} = 3.48 \times 10^{-4} M$ $K_{On} = 5.86 \times 10^4 M$

Applications

Tested Applications: Sandwich ELISA	Range: 15.6-1000 pg/mL (Sandwich ELISA)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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Product Information

MP50008-1 targets IL-28A in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: IL-28A Monoclonal antibody, PBS Only (Capture) 60270-1-PBS (3B4A1). 100 µg. Concentration 1 mg/mL.

Detection antibody: IL-28A Monoclonal antibody, PBS Only (Detector) 68669-1-PBS (1A5C4). 100 µg. Concentration 1 mg/mL.

Unconjugated mouse monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation.

Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

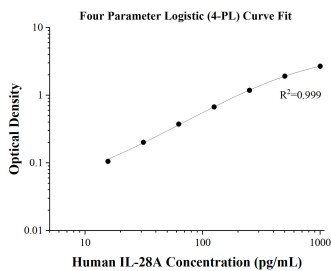
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

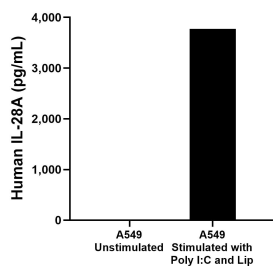
E: proteintech@ptglab.com
W: ptglab.com

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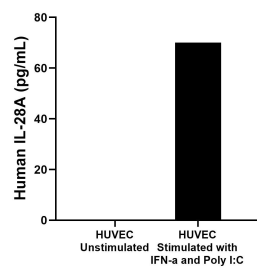
Selected Validation Data



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



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.



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.