

IL-29 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: MP02493-1

Capture Antibody Information

Catalog Number: 86548-2-PBS	Clone ID: 250226D2	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: interleukin 29 (interferon, lambda 1)
Isotype: IgG	GenBank: NM_172140.1	Gene ID: 282618
Purification Method: Protein A purification	Immunogen Catalog Number: Eg2843	

Detection Antibody Information

Catalog Number: 86548-1-PBS	Clone ID: 250226A1	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: interleukin 29 (interferon, lambda 1)
Isotype: IgG	GenBank: NM_172140.1	Gene ID: 282618
Purification Method: Protein A purification	Immunogen Catalog Number: Eg2843	

Applications

Tested Applications: Sandwich ELISA	Range: 78.1-5000 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

MP02493-1 targets IL-29 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: IL29 Recombinant antibody, PBS Only (Capture) 86548-2-PBS (250226D2). 100 µg. Concentration 1 mg/mL.

Detection antibody: IL29 Recombinant antibody, PBS Only (Detector) 86548-1-PBS (250226A1). 100 µg. Concentration 1 mg/mL.

Unconjugated rabbit recombinant monoclonal antibody pair in PBS only storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

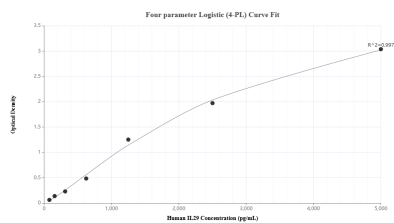
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

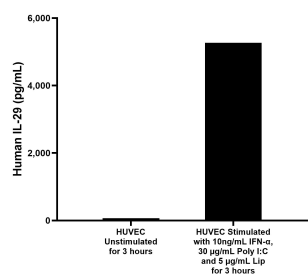
Storage

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

Selected Validation Data



Sandwich ELISA standard curve of MP02493-1, Human IL-29 Recombinant Matched Antibody Pair - PBS only. 86548-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2843. 86548-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



HUVEC human umbilical vein endothelial cells (1×10^6 cells/mL) were seeded in Endothelial Cell Medium (ECM) supplemented, and stimulated with 10 ng/mL IFN- α , 30 μ g/mL Poly I:C and 5 μ g/mL Lip for 3 hours. The mean IL-29 concentration was determined to be 69.1 pg/mL in unstimulated HUVEC supernatant, 5,268.2 pg/mL in stimulated HUVEC supernatant.