

Mouse IL-1R1 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01012-1**

Capture Antibody Information

Catalog Number:
84094-5-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241392H8
Reactivity:
mouse

Conjugate:
Unconjugated
Full name:
interleukin 1 receptor, type I
Gene ID:
16177

Detection Antibody Information

Catalog Number:
84094-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241392B8
Reactivity:
mouse
GenBank:
NM_008362.2

Conjugate:
Unconjugated
Full name:
interleukin 1 receptor, type I
Gene ID:
16177

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.781-100 ng/mL (Cytometric Bead Array)
39.1-2500 pg/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP01012-1 targets IL-1R1 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Mouse IL-1R1 Recombinant antibody, PBS Only (Capture) 84094-5-PBS (241392H8). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse IL-1R1 Recombinant antibody, PBS Only (Detector) 84094-1-PBS (241392B8). 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.
Storage buffer:
PBS only

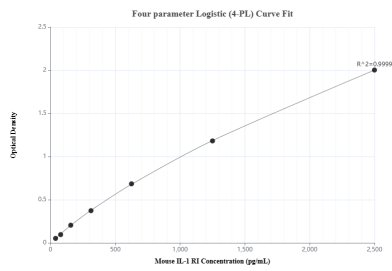
For technical support and original validation data for this product please contact:

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

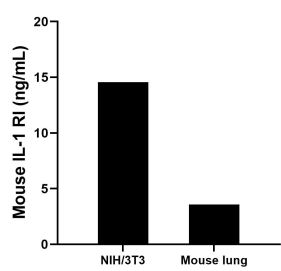
E: proteintech@ptglab.com
W: ptglab.com

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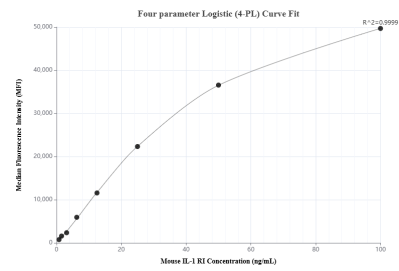
Selected Validation Data



Sandwich ELISA standard curve of MP01012-1, Mouse IL-1R1 Recombinant Matched Antibody Pair - PBS only. 84094-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1158. 84094-1-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



The mean IL-1R1 concentration was determined to be 14.57 ng/mL in NIH/3T3 cell extract based on a 2.5 mg/mL extract load and 3.58 ng/mL in rat lung tissue extract based on a 4.0 mg/mL extract load.



Cytometric bead array standard curve of MP01012-1, MOUSE IL-1R1 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84094-5-PBS. Detection antibody: 84094-1-PBS. Standard: Eg1158. Range: 0.781-100 ng/mL