

Mouse IL-1R2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01814-3**

Capture Antibody Information

Catalog Number:
85071-2-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242602C2
Reactivity:
mouse
GenBank:
NM_010555.4

Conjugate:
Unconjugated
Full name:
interleukin 1 receptor, type II
Gene ID:
16178

Detection Antibody Information

Catalog Number:
85071-4-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
242602B1
Reactivity:
mouse
GenBank:
NM_010555.4

Conjugate:
Unconjugated
Full name:
interleukin 1 receptor, type II
Gene ID:
16178

Applications

Tested Applications:
Sandwich ELISA

Range:
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

MP01814-3 targets IL-1R2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Mouse IL1r2 Recombinant antibody, PBS Only (Capture) 85071-2-PBS (242602C2). 100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse IL1r2 Recombinant antibody, PBS Only (Detector) 85071-4-PBS (242602B1). 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.

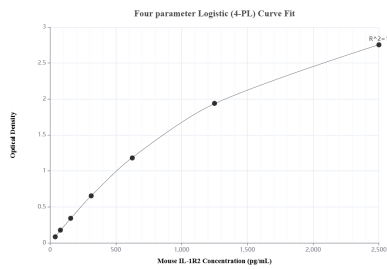
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

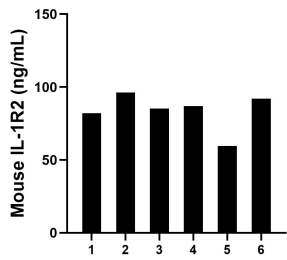
Storage

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

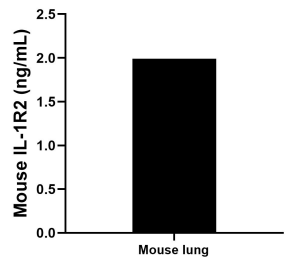
Selected Validation Data



Sandwich ELISA standard curve of MP01814-3, Mouse IL-1R2 Recombinant Matched Antibody Pair - PBS only. 85071-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2956. 85071-4-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL



Serum of six mice was measured. The IL-1R2 concentration of detected samples was determined to be 83.6 ng/mL with a range of 59.6-96.2 ng/mL.



The mean IL-1R2 concentration was determined to be 2.0 ng/mL in mouse lung cell extract based on a 5.3 mg/mL extract load.