

Mouse IL-7R alpha/CD127

Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP01932-2**

Capture Antibody Information

Catalog Number: 85401-2-PBS	Clone ID: 242852C5	Conjugate: Unconjugated
Host: Rabbit	Reactivity: mouse	Full name: interleukin 7 receptor
Isotype: IgG	GenBank: NM_008372.4	Gene ID: 16197
Purification Method: Protein A purification	Immunogen Catalog Number: Eg1826	

Detection Antibody Information

Catalog Number: 85401-3-PBS	Clone ID: 242852D2	Conjugate: Unconjugated
Host: Rabbit	Reactivity: mouse	Full name: interleukin 7 receptor
Isotype: IgG	GenBank: NM_008372.4	Gene ID: 16197
Purification Method: Protein A purification	Immunogen Catalog Number: Eg1826	

Applications

Tested Applications: Cytometric bead array, Sandwich ELISA	Range: 0.781-50 ng/mL (Cytometric Bead Array) 0.313-20 ng/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

MP01932-2 targets IL-7R alpha/CD127 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Mouse IL-7R alpha/CD127 Recombinant antibody, PBS Only (Capture) 85401-2-PBS (242852C5).
100 µg. Concentration 1 mg/mL.

Detection antibody: Mouse IL-7R alpha/CD127 Recombinant antibody, PBS Only (Detector) 85401-3-PBS (242852D2).
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.

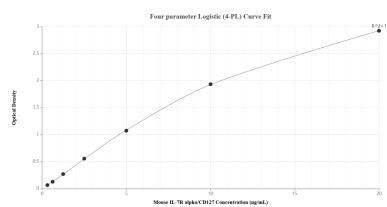
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

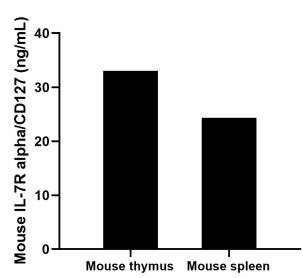
Storage

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

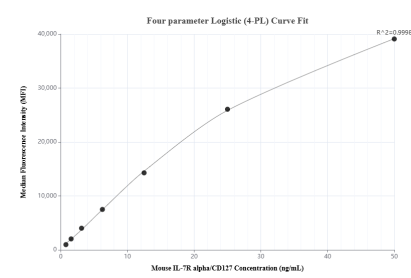
Selected Validation Data



Sandwich ELISA standard curve of MP01932-2, Mouse IL-7R alpha/CD127 Recombinant Matched Antibody Pair - PBS only. 85401-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1826. 85401-3-PBS was HRP conjugated as the detection antibody. Range: 0.313-20 ng/mL



The mean IL-7R alpha/CD127 concentration was determined to be 33.02 ng/mL in mouse thymus tissue extract based on a 5.80 mg/mL extract load and 24.33 ng/mL in mouse spleen tissue extract based on a 8.40 mg/mL extract load.



Cytometric bead array standard curve of MP01932-2, MOUSE IL-7R alpha/CD127 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85401-2-PBS. Detection antibody: 85401-3-PBS. Standard: Eg1826. Range: 0.781-50 ng/mL