

IL-7Ra/CD127 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00704-3**

Capture Antibody Information

Catalog Number:

83723-3-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

240749C2

Reactivity:

human

GenBank:

AAC83204.1

Conjugate:

Unconjugated

Full name:

interleukin 7 receptor

Gene ID:

3575

Detection Antibody Information

Catalog Number:

83723-2-PBS

Host:

Rabbit

Isotype:

IgG

Purification Method:

Protein A purification

Clone ID:

240749C11

Reactivity:

human

GenBank:

AAC83204.1

Conjugate:

Unconjugated

Full name:

interleukin 7 receptor

Gene ID:

3575

Applications

Tested Applications:

Cytometric bead array, Sandwich ELISA

Range:0.625-80 ng/mL (Cytometric Bead Array)
19.5-1250 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

MP00704-3 targets IL-7Ra/CD127 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: IL-7Ra/CD127 Recombinant antibody, PBS Only (Capture) 83723-3-PBS (240749C2). 100 µg. Concentration 1 mg/mL.

Detection antibody: IL-7Ra/CD127 Recombinant antibody, PBS Only (Capture/Detector) 83723-2-PBS (240749C11). 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:

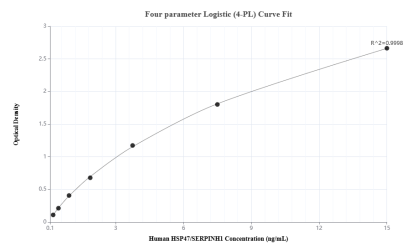
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

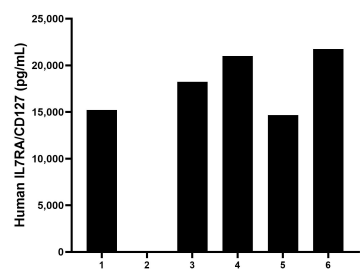
Storage buffer:

PBS only

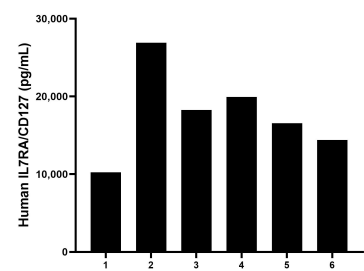
Selected Validation Data



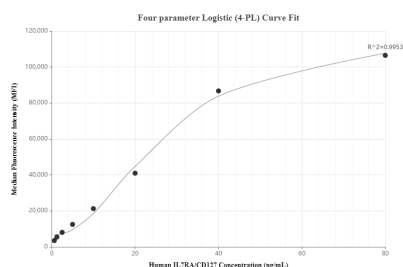
Sandwich ELISA standard curve of MP00704-3, Human IL-7Ra/CD127 Recombinant Matched Antibody Pair - PBS only. 83723-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1279. 83723-2-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL



Serum of six humans was measured. The human IL-7Ra/CD127 concentration of detected samples was determined to be 18,168.16 pg/mL with a range of 14,661.52 - 21,740.24 pg/mL



Plasma of six humans was measured. The human IL-7Ra/CD127 concentration of detected samples was determined to be 17,709.98 pg/mL with a range of 10,229.95 - 26,911.57 pg/mL



Cytometric bead array standard curve of MP00704-3, IL-7Ra/CD127 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 83723-3-PBS. Detection antibody: 83723-2-PBS. Standard: Eg1279. Range: 0.625-80 ng/mL