

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

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.
Storage buffer:
PBS only

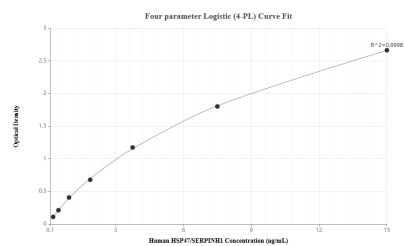
For technical support and original validation data for this product please contact:

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

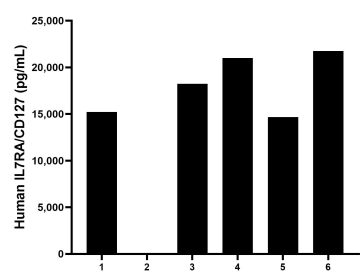
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

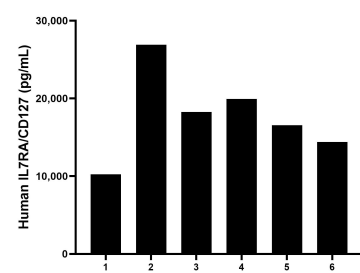
Selected Validation Data



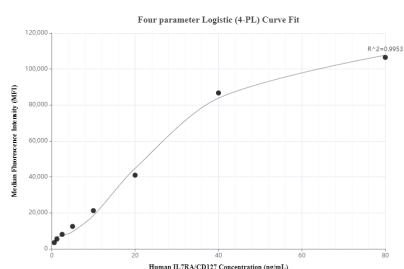
Sandwich ELISA standard curve of MP00704-3, Human IL-7Ra/CD127 Recombinant Matched Antibody Pair - PBS only. 83723-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg1279. 83723-2-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL



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