

CSF2RA/CD116 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP00953-1**

Capture Antibody Information

Catalog Number:
84023-6-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241266B11
Reactivity:
human
GenBank:
BC002635

Conjugate:
Unconjugated
Full name:
colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage)
Gene ID:
1438

Detection Antibody Information

Catalog Number:
84023-1-PBS
Host:
Rabbit
Isotype:
IgG
Purification Method:
Protein A purification

Clone ID:
241266A9
Reactivity:
human
GenBank:
BC002635

Conjugate:
Unconjugated
Full name:
colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage)
Gene ID:
1438

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.625-80 ng/mL (Cytometric Bead Array)
78.1-5000 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

MP00953-1 targets CSF2RA/CD116 in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: CSF2RA Recombinant antibody, PBS Only (Capture) 84023-6-PBS (241266B11). 100 µg. Concentration 1 mg/mL.

Detection antibody: CSF2RA/CD116 Recombinant antibody, PBS Only (Detector) 84023-1-PBS (241266A9). 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.

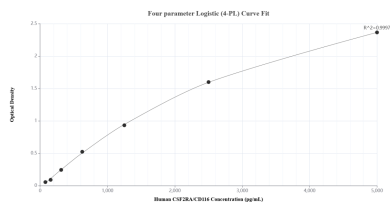
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

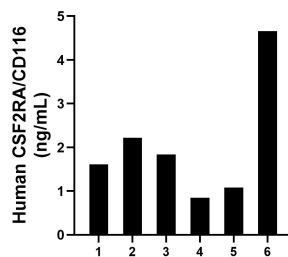
Storage

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

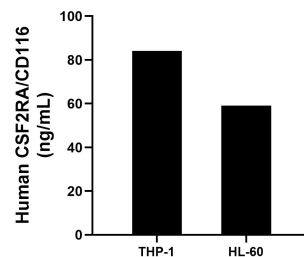
Selected Validation Data



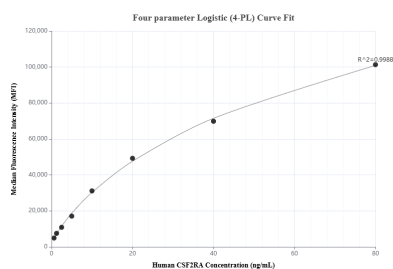
Sandwich ELISA standard curve of MP00953-1, Human CSF2RA/CD116 Recombinant Matched Antibody Pair - PBS only. 84023-6-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard RP02335. 84023-1-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL



Serum of six individual healthy human donors was measured. The CSF2RA/CD116 concentration of detected samples was determined to be 2.0 ng/mL with a range of 0.9-4.7 ng/mL.



The mean CSF2RA/CD116 concentration was determined to be 84.1 ng/mL in THP-1 cell extract based on a 4.0 mg/mL extract load and 59.0 ng/mL in HL-60 cell extract based on a 5.6 mg/mL extract load.



Cytometric bead array standard curve of MP00953-1, CSF2RA/CD116 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84023-6-PBS. Detection antibody: 84023-1-PBS. Standard: RP02335. Range: 0.625-80 ng/mL