For Research Use Only

Rat CD126/IL-6R alpha Recombinant Matched Antibody Pair, PBS Only

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Antibodies | ELISA kits | Proteins
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Catalog Number:MP01638-1

Capture Antibody Information

Catalog Number:
84867-1-PBS

Clone ID:
242284C11

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
rat

Full name:
interleukin 6 receptor, alpha

Isotype:
IgG

Immunogen Catalog Number:
Eg3349

Gene ID:
24499

Purification Method:
Protein A purification

Detection Antibody Information

Catalog Number:
84867-2-PBS

Clone ID:
242284C8

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
rat

Full name:
interleukin 6 receptor, alpha

Isotype:
IgG

GenBank:
NM_017020.3

Gene ID:
24499

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg3349

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA

Range:
0.313-40 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

MP01638-1 targets CD126/IL-6R alpha in immunoassays as a matched antibody pair. Validated in Cytometric bead array, Sandwich ELISA.

Capture antibody: Rat CD126/IL-6R alpha Recombinant antibody, PBS Only (Capture) 84867-1-PBS (242284C11). 100 µg. Concentration 1 mg/ml.

Detection antibody: Rat CD126/IL-6R alpha Recombinant antibody, PBS Only (Detector) 84867-2-PBS (242284C8). 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.

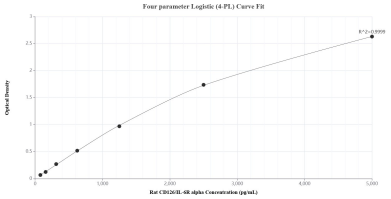
Storage

Storage:
Store at -80°C.
Storage buffer:
PBS only

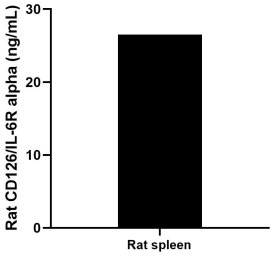
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

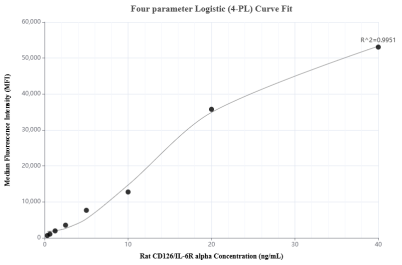
Selected Validation Data



Sandwich ELISA standard curve of MP01638-1, Rat CD126/IL-6R alpha Recombinant Matched Antibody Pair - PBS only. 84867-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg3349. 84867-2-PBS was HRP conjugated as the detection antibody. Range: 78.1-5000 pg/mL.



The mean CD126/IL-6R alpha concentration was determined to be 26.5 ng/mL in rat spleen tissue extract based on a 2.7 mg/mL extract load.



Cytometric bead array standard curve of MP01638-1, RAT CD126/IL-6R alpha Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 84867-1-PBS. Detection antibody: 84867-2-PBS. Standard: Eg3349. Range: 0.313-40 ng/mL.