

For Research Use Only

EPO/Erythropoietin Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP00751-4

Capture Antibody Information

Catalog Number:
83762-7-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
250466H8

Reactivity:
human

Immunogen Catalog Number:
HZ-1168

Conjugate:
Unconjugated

Full name:
erythropoietin

Gene ID:
2056

Detection Antibody Information

Catalog Number:
83762-6-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
250466D6

Reactivity:
human

GenBank:
Immunogen Catalog Number:
HZ-1168

Conjugate:
Unconjugated

Full name:
erythropoietin

Gene ID:
2056

Applications

Tested Applications:
Sandwich ELISA

Range:
4.69-300 mIU/mL (Sandwich ELISA)

Recommended Dilutions:
It is recommended that this reagent should be titrated in each testing system to obtain optimal results.

Product Information

MP00751-4 targets EPO/Erythropoietin in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: EPO Recombinant monoclonal antibody, PBS Only (Capture) 83762-7-PBS (250466H8). 100 µg. Concentration 1 mg/mL.

Detection antibody: EPO Recombinant monoclonal antibody, PBS Only (Detector) 83762-6-PBS (250466D6). 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

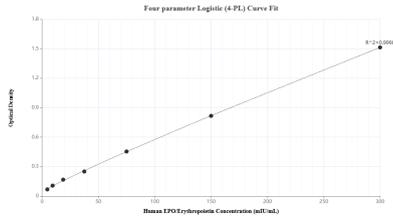
For technical support and original validation data for this product please contact:

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

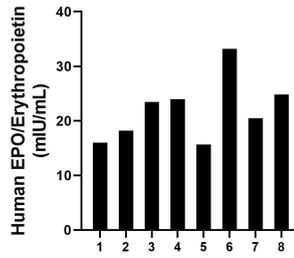
E: proteintech@ptglab.com
W: ptglab.com

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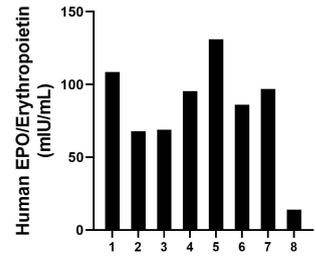
Selected Validation Data



Sandwich ELISA standard curve of MP00751-4, Human EPO/Erythropoietin Recombinant Matched Antibody Pair - PBS only. 83762-7-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard HZ-1168. 83762-6-PBS was HRP conjugated as the detection antibody. Range: 4.69-300 mIU/mL



Serum of eight individual healthy human donors was measured. The human EPO/Erythropoietin concentration of detected samples was determined to be 21.97 mIU/mL with a range of 15.69 - 33.20 mIU/mL



Plasma of eight individual healthy human donors was measured. The human EPO/Erythropoietin concentration of detected samples was determined to be 83.57 mIU/mL with a range of 13.87 - 131.12 mIU/mL