

For Research Use Only

EPO Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:83762-7-PBS



Basic Information

Catalog Number:

83762-7-PBS

Size:

100ug , Concentration: 1 mg/ml by
Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

HZ-1168

GenBank Accession Number:

GeneID (NCBI):

2056

UNIPROT ID:

P01588

Full Name:

erythropoietin

Purification Method:

Protein A purification

CloneNo.:

250466H8

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA

Species Specificity:

human

Product Information

83762-7-PBS targets EPO as part of a matched antibody pair:

MP00751-4: 83762-7-PBS capture and 83762-6-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

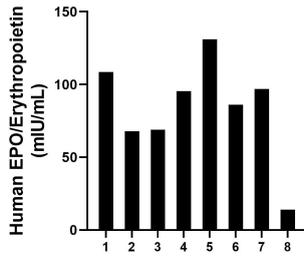
For technical support and original validation data for this product please contact:

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

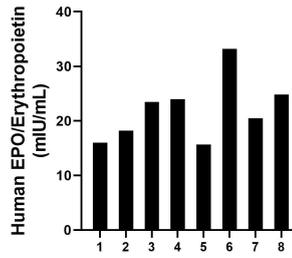
E: proteintech@ptglab.com
W: ptglab.com

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

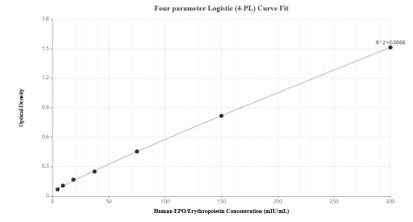
Selected Validation Data



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



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



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