For Research Use Only

Angiopoietin-2 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:85710-3-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
85710-3-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG9047

GenBank Accession Number:
NM_001147.2

GeneID (NCBI):
285

UNIPROT ID:
O15123-1

Full Name:
angiopoietin 2

Calculated MW:
57kDa

Purification Method:
Protein A purification

CloneNo.:
261554H7

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

85710-3-PBS targets Angiopoietin-2 as part of a matched antibody pair:

MP03654-1: 85710-4-PBS capture and 85710-3-PBS detection (validated in Cytometric bead array)

MP03654-2: 85710-5-PBS capture and 85710-3-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.

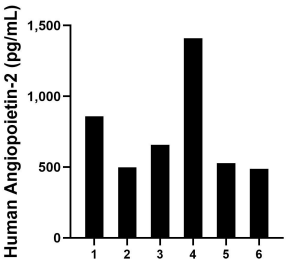
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

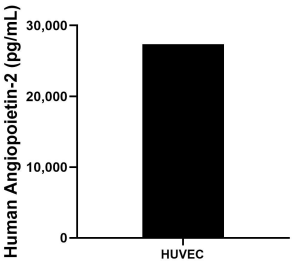
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

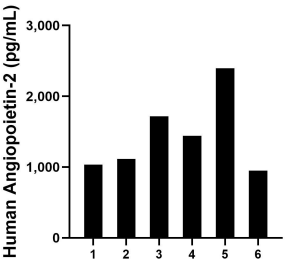
Selected Validation Data



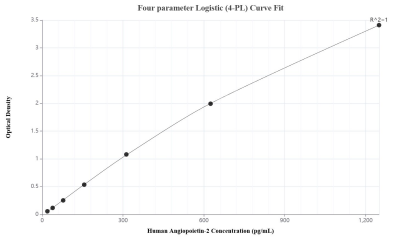
Saliva of six individual healthy human donors was measured. The Angiopoietin-2 concentration of detected samples was determined to be 740.2 pg/mL with a range of 488.4-1,411.0 pg/mL.



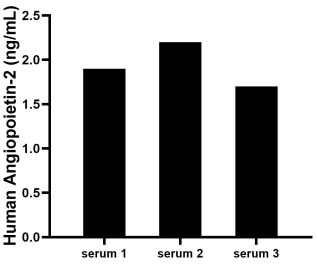
The mean Angiopoietin-2 concentration was determined to be 27,371.3 pg/mL in HUVEC cell culture supernatant.



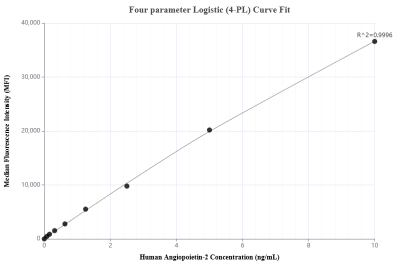
Serum of six individual healthy human donors was measured. The Angiopoietin-2 concentration of detected samples was determined to be 1,442.0 pg/mL with a range of 949.3-2,396.2 pg/mL.



Sandwich ELISA standard curve of MP03654-2, Human Angiopoietin-2 Recombinant Matched Antibody Pair - PBS only. 85710-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg9047. 85710-3-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL.



The mean Angiopoietin-2 concentration was determined to be 1.9 ng/mL in human serum 1, 2.2 ng/mL in human serum 2, 1.7 ng/mL in human serum 3.



Cytometric bead array standard curve of MP03654-1, Angiopoietin-2 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 85710-4-PBS. Detection antibody: 85710-3-PBS. Standard: Eg9047. Range: 0.078-10 ng/mL.