For Research Use Only

Angiopoietin-2 Recombinant Matched Antibody Pair, PBS Only

Catalog Number:MP03654-2

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

Capture Antibody Information

Catalog Number:
85710-5-PBS

Clone ID:
261554C11

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
angiopoietin 2

Isotype:
IgG

GenBank:
NM_001147.2

Gene ID:
285

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg9047

Detection Antibody Information

Catalog Number:
85710-3-PBS

Clone ID:
261554H7

Conjugate:
Unconjugated

Host:
Rabbit

Reactivity:
human

Full name:
angiopoietin 2

Isotype:
IgG

GenBank:
NM_001147.2

Gene ID:
285

Purification Method:
Protein A purification

Immunogen Catalog Number:
Eg9047

Applications

Tested Applications:
Sandwich ELISA

Range:
19.5-1250 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

MP03654-2 targets Angiopoietin-2 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: Angiopoietin-2 Recombinant monoclonal antibody, PBS Only (Capture) 85710-5-PBS (261554C11). 100 μg. Concentration 1 mg/ml.

Detection antibody: Angiopoietin-2 Recombinant monoclonal antibody, PBS Only (Detector) 85710-3-PBS (261554H7). 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.

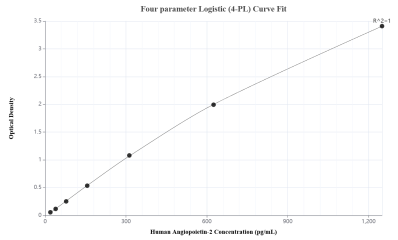
Storage

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

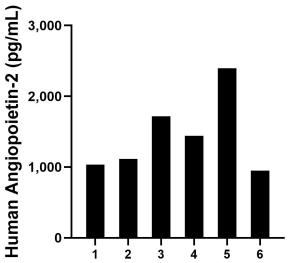
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

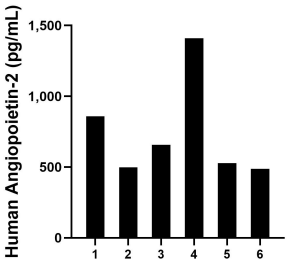
Selected Validation Data



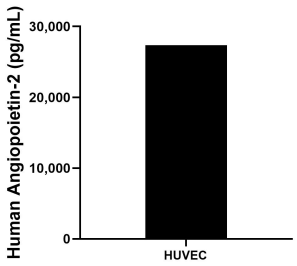
Sandwich ELISA standard curve of MP03654-2, Human Angiopoietin-2 Recombinant Matched Antibody Pair - PBS only. 85710-5-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg9047. 85710-3-PBS was HRP conjugated as the detection antibody. Range: 19.5-1250 pg/mL.



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.



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.