

For Research Use Only

Carbonic anhydrase 13/CA13 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP02448-1

Capture Antibody Information

Catalog Number:
86178-4-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
250787G1

Reactivity:
human

Immunogen Catalog Number:
Ag10086

Conjugate:
Unconjugated

Full name:
carbonic anhydrase XIII

Gene ID:
377677

Detection Antibody Information

Catalog Number:
86178-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
250787D12

Reactivity:
human

GenBank:
BC052602

Immunogen Catalog Number:
Ag10086

Conjugate:
Unconjugated

Full name:
carbonic anhydrase XIII

Gene ID:
377677

Applications

Tested Applications:
Sandwich ELISA

Range:
0.781-50 ng/mL (Sandwich ELISA)

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

Product Information

MP02448-1 targets Carbonic anhydrase 13/CA13 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CA13 Recombinant monoclonal antibody, PBS Only (Capture) 86178-4-PBS (250787G1). 100 µg. Concentration 1 mg/mL.

Detection antibody: CA13 Recombinant monoclonal antibody, PBS Only (Detector) 86178-3-PBS (250787D12). 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

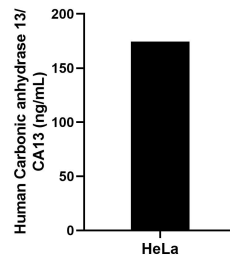
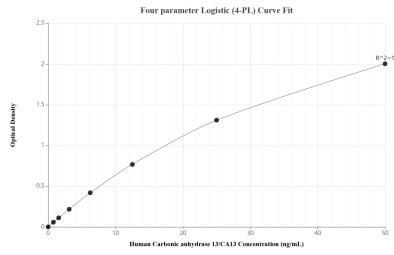
For technical support and original validation data for this product please contact:

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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 MP02448-1, Human Carbonic anhydrase 13/CA13 Recombinant Matched Antibody Pair - PBS only. 86178-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag10086. 86178-3-PBS was HRP conjugated as the detection antibody. Range: 0.781-50 ng/mL

The mean Carbonic anhydrase 13/CA13 concentration was determined to be 174.37 ng/mL in HeLa cell extract based on a 1.20 mg/mL extract load.