

Carbonic Anhydrase 6/CA6

Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02211-2**

Capture Antibody Information

Catalog Number: 85940-1-PBS	Clone ID: 250412G3	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: carbonic anhydrase VI
Isotype: IgG	GenBank: NM_001215.3	Gene ID: 765
Purification Method: Protein A purification	Immunogen Catalog Number: Eg2963	

Detection Antibody Information

Catalog Number: 85940-2-PBS	Clone ID: 250412E5	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: carbonic anhydrase VI
Isotype: IgG	GenBank: NM_001215.3	Gene ID: 765
Purification Method: Protein A purification	Immunogen Catalog Number: Eg2963	

Applications

Tested Applications: Sandwich ELISA	Range: 31.3-2000 pg/mL (Sandwich ELISA)	Recommended Dilutions: It is recommended that this reagent should be titrated in each testing system to obtain optimal results.
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Product Information

MP02211-2 targets Carbonic Anhydrase 6/CA6 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: CA6 Recombinant antibody, PBS Only (Capture/Detector) 85940-1-PBS (250412G3). 100 µg. Concentration 1 mg/mL.

Detection antibody: CA6 Recombinant antibody, PBS Only (Capture/Detector) 85940-2-PBS (250412E5). 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.

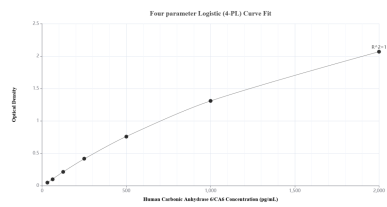
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

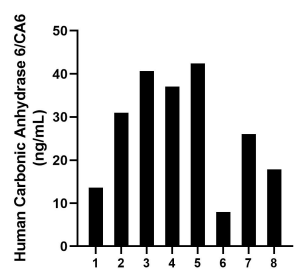
Storage

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

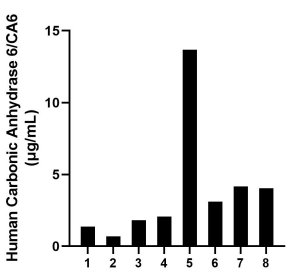
Selected Validation Data



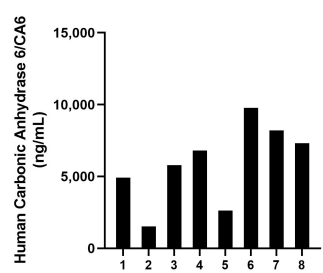
Sandwich ELISA standard curve of MP02211-2, Human Carbonic Anhydrase 6/CA6 Recombinant Matched Antibody Pair - PBS only. 85940-1-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg2963. 85940-2-PBS was HRP conjugated as the detection antibody. Range: 31.3-2000 pg/mL



Serum of eight individual healthy human donors was measured. The Carbonic Anhydrase 6/CA6 concentration of detected samples was determined to be 27.1 ng/mL with a range of 8.0-42.4 ng/mL.



Human milk of eight individual healthy human donors was measured. The Carbonic Anhydrase 6/CA6 concentration of detected samples was determined to be 3.9 µg/mL with a range of 0.7-13.7 µg/mL.



Saliva of eight individual healthy human donors was measured. The Carbonic Anhydrase 6/CA6 concentration of detected samples was determined to be 5,869.5 ng/mL with a range of 1,531.8-9,760.2 ng/mL.