

COA6 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP02899-1**

Capture Antibody Information

Catalog Number: 87188-2-PBS	Clone ID: 252149F11	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: chromosome 1 open reading frame 31
Isotype: IgG	GenBank: BC116455	Gene ID: 388753
Purification Method: Protein A purification	Immunogen Catalog Number: Ag21525	

Detection Antibody Information

Catalog Number: 87188-1-PBS	Clone ID: 252149C10	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: chromosome 1 open reading frame 31
Isotype: IgG	GenBank: BC116455	Gene ID: 388753
Purification Method: Protein A purification	Immunogen Catalog Number: Ag21525	

Applications

Tested Applications: Sandwich ELISA	Range: 0.156-10 ng/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

MP02899-1 targets COA6 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: C1orf31 Recombinant monoclonal antibody, PBS Only (Capture) 87188-2-PBS (252149F11). 100 µg. Concentration 1 mg/mL.

Detection antibody: C1orf31 Recombinant monoclonal antibody, PBS Only (Detector) 87188-1-PBS (252149C10). 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.

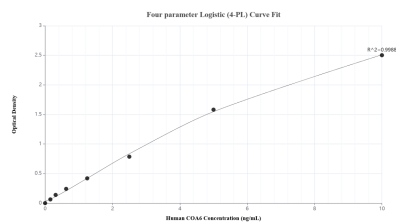
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

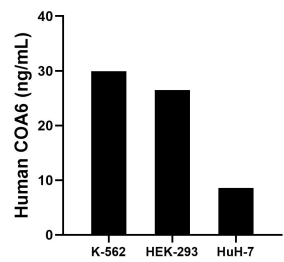
Storage

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 MP02899-1, Human COA6 Recombinant Matched Antibody Pair - PBS only. 87188-2-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag21525. 87188-1-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL



The mean COA6 concentration was determined to be 29.93 ng/mL in K-562 cell extract based on a 1.20 mg/mL extract load, 26.48 ng/mL in HEK-293 cell extract based on a 1.20 mg/mL extract load and 8.57 ng/mL in HuH-7 cell extract based on a 1.20 mg/mL extract load.