

MUC16/CA125 Recombinant Matched Antibody Pair, PBS Only

Catalog Number: **MP03433-1**

Capture Antibody Information

Catalog Number: 86537-3-PBS	Clone ID: 260551E1	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: mucin 16, cell surface associated
Isotype: IgG	GenBank: NM_024690.2	Gene ID: 94025
Purification Method: Protein A purification	Immunogen Catalog Number: Eg6451	

Detection Antibody Information

Catalog Number: 86537-4-PBS	Clone ID: 260551C10	Conjugate: Unconjugated
Host: Rabbit	Reactivity: human	Full name: mucin 16, cell surface associated
Isotype: IgG	GenBank: NM_024690.2	Gene ID: 94025
Purification Method: Protein A purification	Immunogen Catalog Number: Eg6451	

Applications

Tested Applications: Sandwich ELISA	Range: 97.7-6250 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

MP03433-1 targets MUC16/CA125 in immunoassays as a matched antibody pair. Validated in Sandwich ELISA.

Capture antibody: MUC16 Recombinant monoclonal antibody, PBS Only (Capture) 86537-3-PBS (260551E1). 100 µg. Concentration 1 mg/mL.

Detection antibody: MUC16 Recombinant monoclonal antibody, PBS Only (Detector) 86537-4-PBS (260551C10). 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.

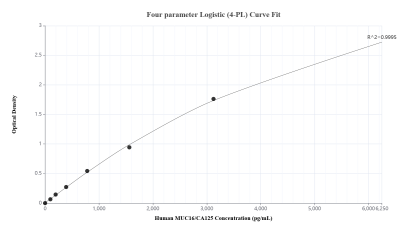
Matched antibody pairs are designed for use in a variety of assays and platforms that require matched antibody pairs.

Antibody use should be optimized for each application and assay.

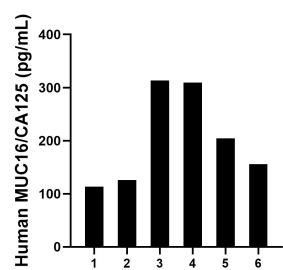
Storage

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

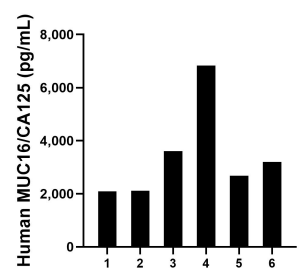
Selected Validation Data



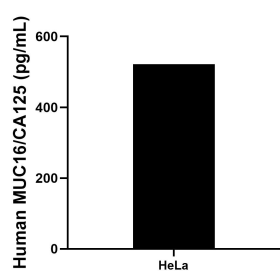
Sandwich ELISA standard curve of MP03433-1, Human MUC16/CA125 Recombinant Matched Antibody Pair - PBS only. 86537-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg6451. 86537-4-PBS was HRP conjugated as the detection antibody. Range: 97.7-6250 pg/mL



Plasma of six individual healthy human donors was measured. The MUC16/CA125 concentration of detected samples was determined to be 203.7 pg/mL with a range of 113.5-313.1 pg/mL



Human milk of six individual healthy human donors was measured. The MUC16/CA125 concentration of detected samples was determined to be 3,418.5 pg/mL with a range of 2,085.2-6,830.3 pg/mL



The mean MUC16/CA125 concentration was determined to be 522.1 pg/mL in HeLa cell culture supernatant.