

For Research Use Only

MUC16/CA125 Recombinant Matched Antibody Pair, PBS Only



Catalog Number:MP03433-1

Capture Antibody Information

Catalog Number:
86537-3-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
260551E1

Reactivity:
human

Immunogen Catalog Number:
Eg6451

Conjugate:
Unconjugated

Full name:
mucin 16, cell surface associated

Gene ID:
94025

Detection Antibody Information

Catalog Number:
86537-4-PBS

Host:
Rabbit

Isotype:
IgG

Purification Method:
Protein A purification

Clone ID:
260551C10

Reactivity:
human

GenBank:
NM_024690.2

Immunogen Catalog Number:
Eg6451

Conjugate:
Unconjugated

Full name:
mucin 16, cell surface associated

Gene ID:
94025

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.

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.
Storage buffer:
PBS only

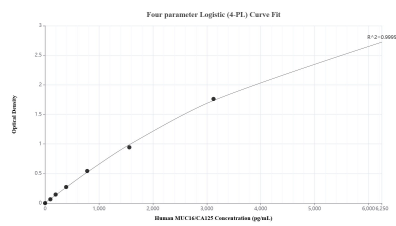
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

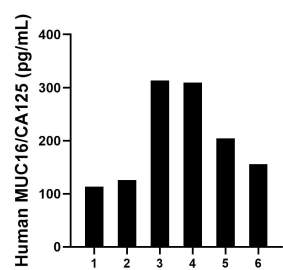
E: proteintech@ptglab.com
W: ptglab.com

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

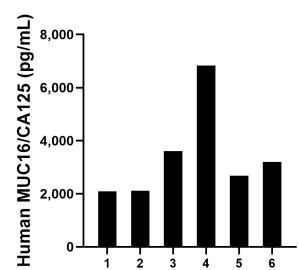
Selected Validation Data



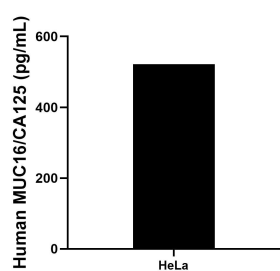
Sandwich ELISA standard curve of MP03433-1, Human MUC16/CA125 Recombinant Matched Antibody Pair - PBS only. 86537-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg6451. 86537-4-PBS was HRP conjugated as the detection antibody. Range: 97.7-6250 pg/mL



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.