For Research Use Only

MUC16 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:86537-4-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
86537-4-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG6451

GenBank Accession Number:
NM_024690.2

GeneID (NCBI):
94025

UNIPROT ID:
Q8WXI7

Full Name:
mucin 16, cell surface associated

Calculated MW:
1519 kDa

Purification Method:
Protein A purification

CloneNo.:
260551C10

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

86537-4-PBS targets MUC16 as part of a matched antibody pair:

MP03433-1: 86537-3-PBS capture and 86537-4-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) 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.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications.Antibody use should be optimized by the end user for each application and assay.

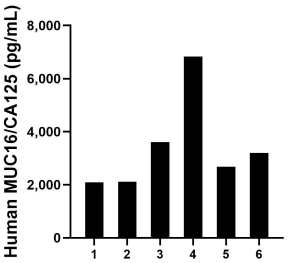
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

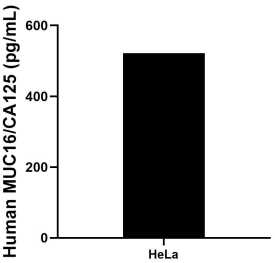
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

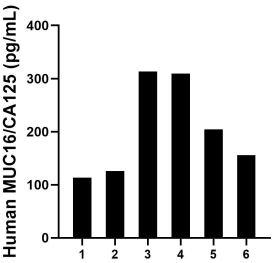
Selected Validation Data



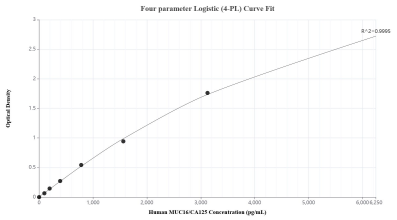
Human milk of six individual healthy human donors was measured. The MUC16/CA125 concentration of detected samples was determined to be 3,418.5 pg/mL with a range of 2,085.2-6,830.3 pg/mL.



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



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.



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.