For Research Use Only

CA15-3,MUC1 Monoclonal antibody, PBS Only (Detector)

Catalog Number:60749-5-PBS

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
60749-5-PBS

Concentration:
1 mg/ml

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG17660

GenBank Accession Number:
BC120975

GeneID (NCBI):
4582

UNIPROT ID:
P15941

Full Name:
mucin 1, cell surface associated

Calculated MW:
1264 aa, 123 kDa

Purification Method:
Protein G Magarose purification

CloneNo.:
3H10A3

Applications

Tested Applications:
Cytometric bead array, Sandwich ELISA, Indirect ELISA, Sample test

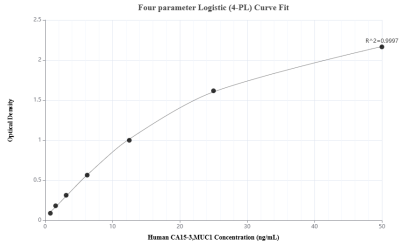
Species Specificity:
human

Background Information

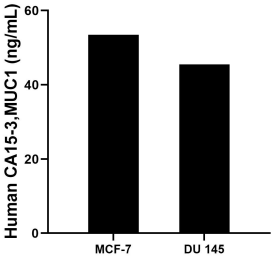
Storage

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

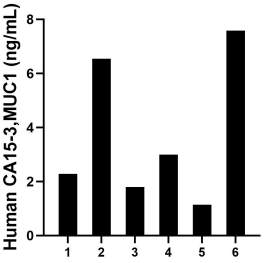
Selected Validation Data



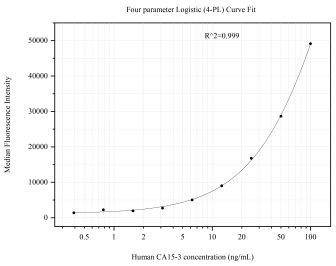
Sandwich ELISA standard curve of MP51087-2, Human CA15-3,MUC1 Monoclonal Matched Antibody Pair - PBS only. 60749-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag17660. 60749-5-PBS was HRP conjugated as the detection antibody. Range: 0.78-50 ng/mL



The mean CA15-3,MUC1 concentration was determined to be 53.46 ng/mL in MCF-7 cell extract based on a 1.3 mg/mL extract load and 45.49 ng/mL in DU 145 cell extract based on a 2.0 mg/mL extract load.



Serum of six individual healthy human donors was measured. The human CA15-3,MUC1 concentration of detected samples was determined to be 3.72 ng/mL with a range of 1.14-7.58 ng/mL.



Cytometric bead array standard curve of MP51087-2, CA15-3,MUC1 Monoclonal Matched Antibody Pair, PBS Only. Capture antibody: 60749-3-PBS. Detection antibody: 60749-5-PBS. Standard:Ag17660. Range: 0.391-100 ng/mL