For Research Use Only

SERPINA3 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number:88540-9-PBS

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Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
88540-9-PBS

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG12047

GenBank Accession Number:
NM_001085.5

GeneID (NCBI):
12

UNIPROT ID:
P01011-1

Full Name:
serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3

Calculated MW:
48 kDa

Purification Method:
Protein A purification

CloneNo.:
262127C6

Applications

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

Species Specificity:
human

Background Information

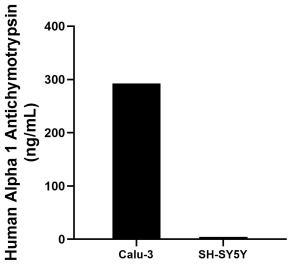
Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

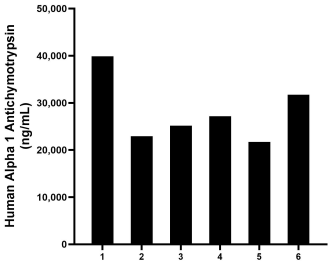
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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

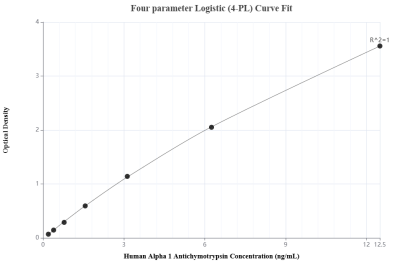
Selected Validation Data



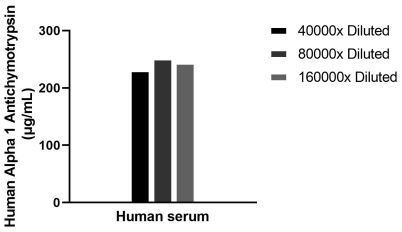
The mean Alpha 1 Antichymotrypsin concentration was determined to be 292.43 ng/mL in Calu-3 cell extract based on a 1.2 mg/mL extract load and 4.23 ng/mL in SH-SY5Y cell extract based on a 1.2 mg/mL extract load.



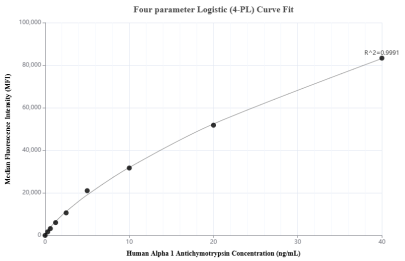
Serum of six individual healthy human donors was measured. The human Alpha 1 Antichymotrypsin concentration of detected samples was determined to be 28,096.24 ng/mL with a range of 21,727.06 - 39,882.54 ng/mL.



Sandwich ELISA standard curve of MP03795-1, Human Alpha 1 Antichymotrypsin Recombinant Matched Antibody Pair - PBS only. 88540-9-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg12047. 88540-8-PBS was HRP conjugated as the detection antibody. Range: 0.195-12.5 ng/mL



The mean Alpha 1 Antichymotrypsin concentration was determined to be 241.7 µg/mL in human serum.



Cytometric bead array standard curve of MP03795-1, Alpha 1 Antichymotrypsin Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 88540-9-PBS. Detection antibody: 88540-8-PBS. Standard: Eg12047. Range: 0.312-40 ng/mL.