For Research Use Only

AOC3 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number:87278-1-PBS

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
87278-1-PBS

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG5045

GenBank Accession Number:
NM_003734.3

GeneID (NCBI):
8639

UNIPROT ID:
Q16853-1

Full Name:
amine oxidase, copper containing 3 (vascular adhesion protein 1)

Calculated MW:
85 kDa

Purification Method:
Protein A purification

CloneNo.:
252158H7

Applications

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

Species Specificity:
human

Product Information

87278-1-PBS targets AOC3 as part of a matched antibody pair:

MP02945-1: 87278-2-PBS capture and 87278-1-PBS detection (validated in Cytometric bead array)

MP02945-2: 87278-4-PBS capture and 87278-1-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.

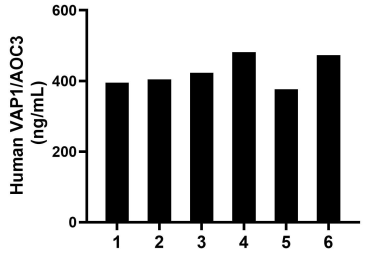
Storage

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

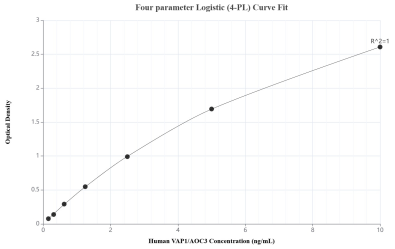
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

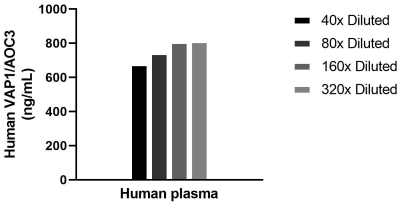
Selected Validation Data



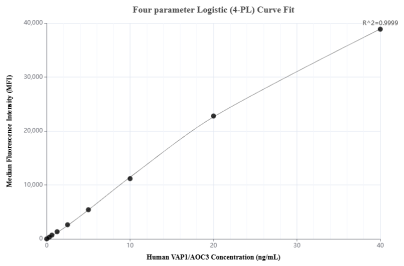
Plasma of six individual healthy human donors was measured. The VAP1/AOC3 concentration of detected samples was determined to be 425.54 ng/mL with a range of 376.77-481.27 ng/mL.



Sandwich ELISA standard curve of MP02945-2, Human VAP1/AOC3 Recombinant Matched Antibody Pair - PBS only. 87278-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg5045. 87278-1-PBS was HRP conjugated as the detection antibody. Range: 0.156-10 ng/mL.



The mean VAP1/AOC3 concentration was determined to be 758.1 ng/mL in Human plasma.



Cytometric bead array standard curve of MP02945-1, VAP1/AOC3 Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87278-2-PBS. Detection antibody: 87278-1-PBS. Standard: Eg5045. Range: 0.312-40 ng/mL.