

For Research Use Only

# CoraLite® Plus 488-conjugated AOC3 Monoclonal antibody



Catalog Number: CL488-66834

## Basic Information

Catalog Number:

CL488-66834

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG5908

GenBank Accession Number:

BC050549

GeneID (NCBI):

8639

UNIPROT ID:

Q16853

Full Name:

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

Calculated MW:

85 kDa

Observed MW:

85-90 kDa

Purification Method:

Protein G purification

CloneNo.:

2A6G3

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima

wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF-P

Species Specificity:

Human

Positive Controls:

IF : human liver cancer tissue,

## Background Information

AOC3(membrane primary amine oxidase) is also name as copper amine oxidase, HPAO, SSAO, VAP1 and belongs to the copper/topaquinone oxidase family. It is expressed on the surface of endothelial cells and is involved in leukocyte trafficking between blood and tissues under physiologic and pathologic conditions (PMID:17947691). AOC3 is highly expressed in adipocytes and smooth muscle cells and it can be N- and O-glycosylated (PMID:16046623). AOC3 has molecular mass of 70-90kD, and can exist as a homodimer(165-185kD) and trimer(240-260kD) (PMID:10595925, 8625974).

## Storage

Storage:

Store at -20°C. Avoid exposure to light.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

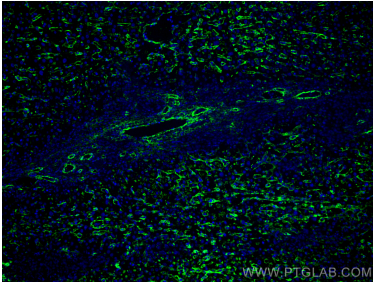
T: 4006900926

E: Proteintech-CN@ptglab.com

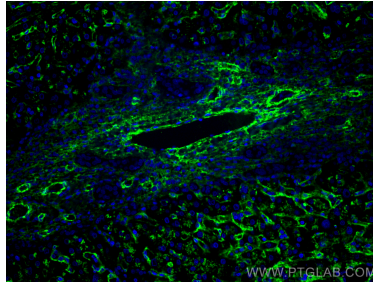
W: ptgcn.com

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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using CoraLite® Plus 488 AOC3 antibody (CL488-66834, Clone: 2A6G3 ) at dilution of 1:200.



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