

CoraLite®594-conjugated AOC3 Monoclonal antibody

Catalog Number: **CL594-66834**

Basic Information

Catalog Number: CL594-66834	GenBank Accession Number: BC050549	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 8639	CloneNo.: 2A6G3
Source: Mouse	UNIPROT ID: Q16853	Recommended Dilutions: IF-P 1:50-1:500
Isotype: IgG1	Full Name: amine oxidase, copper containing 3 (vascular adhesion protein 1)	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG5908	Calculated MW: 85 kDa	
	Observed MW: 85-90 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P : human liver cancer tissue,
Species Specificity: Human	

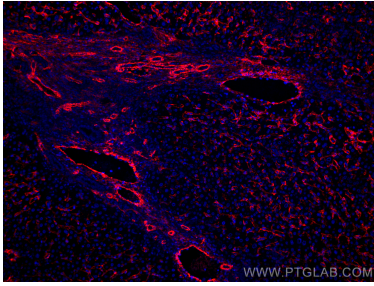
Background Information

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).

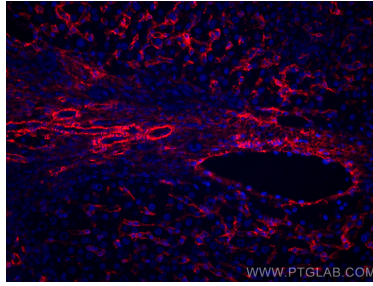
Storage

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

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using CoraLite®594 AOC3 antibody (CL594-66834, Clone: 2A6G3) at dilution of 1:200.



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