

RecomAb™

AOC3 recombinant monoclonal antibody, clone 2D10

Catalog # RAB03957 Size 200 ug

Specification

Product Description	Mouse recombinant monoclonal antibody raised against affinity purified VAP-1 from tonsil stroma of human origin.
Antibody Species	Mouse
Immunogen	Original antibody is raised against recombinant protein corresponding to affinity purified VAP-1 from tonsil stroma of human origin.
Reactivity	Human
Form	Liquid
Isotype	IgG1 kappa
Recommend Usage	ELISA Flow cytometry Immunohistochemistry Immunoprecipitation Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.02% Proclin 300)
Storage Instruction	Store at 4°C for 3 months. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunoprecipitation

- Enzyme-linked Immunoabsorbent Assay
- Flow Cytometry

Gene Info — AOC3

Entrez GeneID [8639](#)

Protein Accession# [Q16853](#)

Gene Name AOC3

Gene Alias HPAO, SSAO, VAP-1, VAP1

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

Omim ID [603735](#)

Gene Ontology [Hyperlink](#)

Gene Summary Copper amine oxidases catalyze the oxidative conversion of amines to aldehydes in the presence of copper and quinone cofactor. The product is a major protein on the adipocyte plasma membrane. It has adhesive properties and also has functional monoamine oxidase activity. A pseudogene for this gene has been described and is located approximately 9-kb downstream. [provided by RefSeq]

Other Designations amine oxidase, copper containing 3|copper amine oxidase|semicarbazide-sensitive amine oxidase|vascular adhesion protein 1

Pathway

- [beta-Alanine metabolism](#)
- [Biosynthesis of alkaloids derived from ornithine](#)
- [Glycine](#)
- [Isoquinoline alkaloid biosynthesis](#)
- [Metabolic pathways](#)
- [Phenylalanine metabolism](#)
- [Tropane](#)
- [Tyrosine metabolism](#)