

## Mouse anti-Human, Mouse ApoO Antibody | anti-ApoO antibody

ApoO Antibody

| CATALOG # | HOST  | REACTIVITY   | APPLICATIONS                              |
|-----------|-------|--------------|-------------------------------------------|
| AAA108683 | Mouse | Human, Mouse | ELISA, Immunohistochemistry, Western Blot |

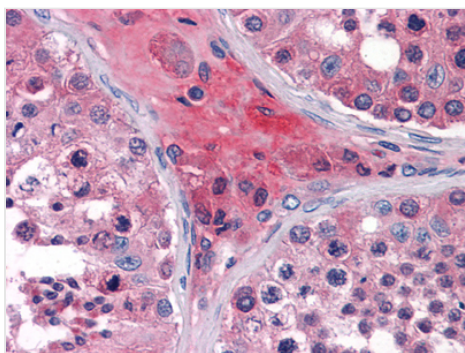
### PRODUCT SYNONYMS

ApoO; ApoO Antibody; MYO25; FAM121B; MGC4825; anti-ApoO antibody

### PRODUCT SPECIFICATIONS

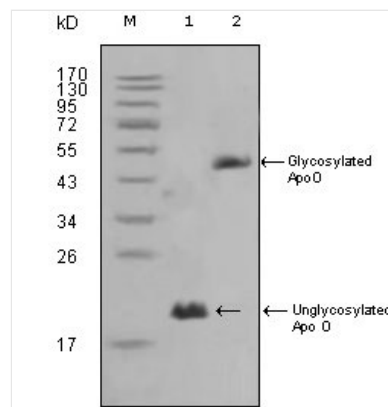
|                                                |                                                                   |
|------------------------------------------------|-------------------------------------------------------------------|
| Host                                           | Mouse                                                             |
| Reactivity                                     | Human, Mouse                                                      |
| Isotype                                        | IgG1                                                              |
| Clone Number                                   | 2F1                                                               |
| Form/Format                                    | Ascitic fluid containing 0.03% sodium azide.                      |
| Sequence Length                                | 198                                                               |
| Applicable Applications for anti-ApoO antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)              |
| Immunogen                                      | Purified recombinant fragment of ApoO expressed in E. Coli.       |
| Preparation and Storage                        | Store at 4 degree C, for long term storage, store at -20 degree C |

### IMAGES



**IHC (Immunohistochemistry)**

Figure 2. Immunohistochemical analysis of paraffin-embedded human Testis tissues using ApoO mouse mAb



**WB (Western Blot)**

Figure 1. Western blot analysis using ApoO mouse mAb against HepG2 (1) and 3T3L1(2) cell lysate.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ApoO antibody | ApoO. apolipoprotein O, also known as MYO25, FAM121B, MGC4825. Entrez Protein NP_077027. It is a chondroitin-sulfate chain containing member of the apolipoprotein family and is an original glycoprotein up-regulated by diabetes in human Heart. Promotes cholesterol efflux from macrophage cells. Detected in HDL, LDL and VLDL. Secreted by a microsomal triglyceride transfer protein (MTTP)-dependent mechanism, probably as a VLDL-associated protein that is subsequently transferred to HDL. May be involved in myocardium-protective mechanisms against lipid accumulation. |
| Product Categories/Family for anti-ApoO antibody   | <a href="#">Autophagy antibody</a> ; <a href="#">Cancer</a> ; <a href="#">Cardiovascular</a> ; <a href="#">Cell Biology</a> ; <a href="#">Epigenetics &amp; Nuclear Signaling</a> ; <a href="#">Developmental Biologys</a> ; <a href="#">Immunology</a> ; <a href="#">Drug Discovery Products</a> ; <a href="#">Metabolism</a> ; <a href="#">Neuroscience</a> ; <a href="#">Signal Transduction</a> ; <a href="#">Stem Cells</a>                                                                                                                                                       |

NCBI AND UNIPROT INFORMATION

|                                  |                              |
|----------------------------------|------------------------------|
| NCBI GI #                        | 13129148                     |
| NCBI GeneID                      | 79135                        |
| NCBI Accession #                 | NP_077027.1                  |
| NCBI GenBank Nucleotide #        | NM_024122.4                  |
| UniProt Accession #              | Q9BUR5; Q9H3J9; B2R4K9       |
| Molecular Weight                 | 22.2kDa                      |
| NCBI Official Full Name          | MICOS complex subunit MIC26  |
| NCBI Official Synonym Full Names | apolipoprotein O             |
| NCBI Official Symbol             | APOO                         |
| NCBI Official Synonym Symbols    | MIC26; Mic23; My025; FAM121B |
| NCBI Protein Information         | MICOS complex subunit MIC26  |
| UniProt Protein Name             | MICOS complex subunit MIC26  |
| UniProt Gene Name                | APOO                         |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.