

## Mouse anti-Human APOA1 Monoclonal Antibody | anti-APOA1 antibody

APOA1 Mouse Monoclonal

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                                                  |
|-----------|-------|------------|---------------------------------------------------------------|
| AAA102694 | Mouse | Human      | Immunofluorescence, Immunohistochemistry, Western Blot, ELISA |

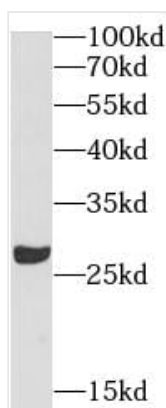
### PRODUCT SYNONYMS

APOA1; Monoclonal Antibody; APOA1 Mouse Monoclonal; Apo AI; ApoA I; apolipoprotein A I; Apolipoprotein A1; anti-APOA1 antibody

### PRODUCT SPECIFICATIONS

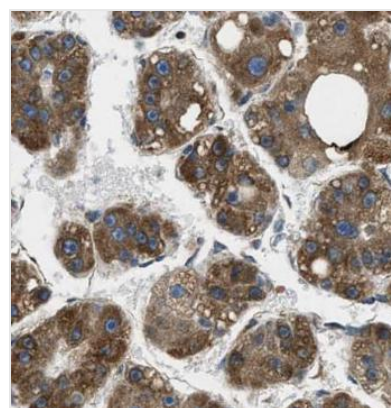
|                                                 |                                                                               |
|-------------------------------------------------|-------------------------------------------------------------------------------|
| Host                                            | Mouse                                                                         |
| Reactivity                                      | Human                                                                         |
| Clonality                                       | Monoclonal                                                                    |
| Isotype                                         | IgG2a                                                                         |
| Clone Number                                    | 8A11                                                                          |
| Purity/Purification                             | ≥ 95% as determined by SDS-PAGE<br>Protein A+G purification                   |
| Form/Format                                     | Liquid; PBS with 0.02% sodium azide and 50% glycerol pH 7.3                   |
| Sequence Length                                 | 158                                                                           |
| Applicable Applications for anti-APOA1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA |
| Immunogen                                       | Apolipoprotein A-I                                                            |
| Preparation and Storage                         | Store at -20°C for 12 months (Avoid repeated freeze / thaw cycles.)           |

### IMAGES



#### WB (Western Blot)

human plasma tissue were subjected to SDS PAGE followed by western blot with AAA102694 (APOA1 Antibody) at dilution of 1:2000



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human liver cancer tissue slide using AAA102694 (APOA1 Antibody) at dilution of 1:400 heat mediated antigen retrieved with Tris-EDTA buffer (pH9) .

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                        |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-APOA1 antibody | Participates in the reverse transport of cholesterol from tissues to the liver for excretion by promoting cholesterol efflux from tissues and by acting as a cofactor for the lecithin cholesterol acyltransferase(LCAT). As part of the SPAP complex, activates spermatozoa motility. |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                              |
|----------------------------------|------------------------------|
| NCBI GI #                        | 966751415                    |
| NCBI GeneID                      | 335                          |
| NCBI Accession #                 | NP_001304950.1               |
| NCBI GenBank Nucleotide #        | NM_001318021.1               |
| Molecular Weight                 | Observed MW: 26-28 kDa       |
| NCBI Official Full Name          | apolipoprotein A-I isoform 2 |
| NCBI Official Synonym Full Names | apolipoprotein A1            |
| NCBI Official Symbol             | APOA1                        |
| NCBI Official Synonym Symbols    | apo(a)                       |
| NCBI Protein Information         | apolipoprotein A-I           |
| UniProt Protein Name             | Apolipoprotein A-I           |
| UniProt Gene Name                | APOA1                        |
| UniProt Synonym Gene Names       | Apo-AI; ApoA-I; ProapoA-I    |
| UniProt Entry Name               | APOA1_HUMAN                  |

**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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/apoa1-antibody-clone-8a11-immunofluorescence-immunohistochemistry-western-blot-elisa/102694>