

Mouse anti-Human APOLIPOPROTEIN A1 Monoclonal Antibody | anti-APOA1 antibody

MOUSE ANTI HUMAN APOLIPOPROTEIN A1

CATALOG # AAA49168	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
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PRODUCT SYNONYMS

APOLIPOPROTEIN A1; Monoclonal Antibody; MOUSE ANTI HUMAN APOLIPOPROTEIN A1; anti-APOA1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	G2
Specificity	APOLIPOPROTEIN A1 This item recognises Apolipoprotein A-1 (also known as Apo-A1), a lipid-binding protein which enables the transport of dietary lipids for storage, metabolism and secretion. Apo-A1 plays an important part in the removal of cholesterol from cells. This item reacts with both free human Apo-A1 and High Density Lipoprotein (HDL) bearing Apo-A1, but does not cross-react with ApoE, ApoB or Albumin.
Form/Format	Purified (Purified IgG - lyophilised)
Sequence Length	267
Applicable Applications for anti-APOA1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Immunogen	Native Apolipoprotein-A1 from human plasma
Affinity	Kd = 3nM (for human apolipoprotein A1).
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Preservative Stabilizers	1% Dextran 1% Mannitol
Reconstitution	Reconstitute with 1.0ml distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. We recommend that the vial is gently mixed after reconstitution.
Buffer Solution	0.01M Sodium Phosphate 0.01M Sodium Borate 0.15M Sodium Chloride
Preparation and Storage	Prior to reconstitution store at +4 degree C. After reconstitution store at -20 degree C. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Shelf Life: 12 months from date of reconstitution.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557321
NCBI GeneID	335
NCBI Accession #	NP_000030.1
NCBI GenBank Nucleotide #	NM_000039.1
UniProt Accession #	P02647; Q6LDN9; Q6Q785; Q9UCS8; Q9UCT8; A8K866
Molecular Weight	30,778 Da
NCBI Official Full Name	apolipoprotein A-I preproprotein
NCBI Official Synonym Full Names	apolipoprotein A-I
NCBI Official Symbol	APOA1
NCBI Protein Information	apolipoprotein A-I; apo-AI; apoA-I
UniProt Protein Name	Apolipoprotein A-I
UniProt Gene Name	APOA1
UniProt Synonym Gene Names	Apo-AI; ApoA-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/apolipoprotein-a1-antibody-clone-g2-immunohistochemistry-western-blot-elisa/49168>