

APOA2 recombinant antibody

APOA2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA235520	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

APOA2; Monoclonal Recombinant Antibody; APOA2 Antibody; Apolipoprotein A-II; Apo-AII; ApoA-II; Apolipoprotein A2; Proapolipoprotein A-II; ProapoA-II; Truncated apolipoprotein A-II; Apolipoprotein A-II(1-76); APOA2 recombinant antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity-Chromatography
Form/Format	Liquid; In phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	100
Applicable Applications for APOA2 recombinant antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen Species	Human
Immunogen	A synthesized peptide derived from human APOA2
Conjugate	Non-Conjugated
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



FCM/FACS (Flow Cytometry)

Overlay histogram showing A549 cells stained with CSB-RA001915A0HU (red line) at 1:50. The cells were fixed with 70% Ethylalcohol (18h) and then permeabilized with 0.3% Triton X-100 for 2 min. The cells were then incubated in 1x PBS /10% normal goat serum to block non-specific protein-protein interactions followed by primary antibody for 1 h at 4 degree C. The secondary antibody used was FITC goat anti-rabbit IgG (H+L) at 1/200 dilution for 1 h at 4 degree C. Control antibody (green line) was used under the same conditions. Acquisition of >10,000 events was performed.



IHC (Immunohistochemistry)

IHC image of CSB-RA001915A0HU diluted at 1:87.5 and staining in paraffin-embedded human liver tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: 293T whole cell lysate, A549 whole cell lysateAll lanes:
Apolipoprotein A II antibody at 0.87ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000
dilutionPredicted band size: 12 KDaObserved band size: 12 KDa

ADDITIONAL INFORMATION

Related Product Information for APOA2 recombinant antibody	May stabilize HDL (high density lipoprotein) structure by its association with lipids, and affect the HDL metabolism.
Product Categories/Family for APOA2 recombinant antibody	Recombinant Antibody ; Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502149
NCBI GeneID	336
NCBI Accession #	NP_001634.1
NCBI GenBank Nucleotide #	NM_001643.2
UniProt Accession #	P02652 ; B2R524
Molecular Weight	11,175 Da
NCBI Official Full Name	apolipoprotein A-II preproprotein
NCBI Official Synonym Full Names	apolipoprotein A2
NCBI Official Symbol	APOA2
NCBI Official Synonym Symbols	apoAII; Apo-AII; ApoA-II
NCBI Protein Information	apolipoprotein A-II
UniProt Protein Name	Apolipoprotein A-II
UniProt Gene Name	APOA2
UniProt Synonym Gene Names	Apo-AII; ApoA-II; ProapoA-II

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/apoa2-recombinant-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/235520>