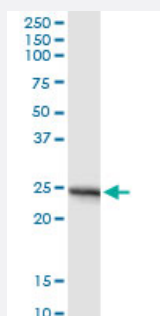


APOA1 monoclonal antibody (M01), clone S1

Catalog # H00000335-M01

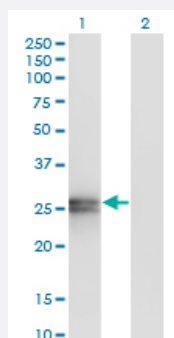
Size 50 ug

Applications



Western Blot (Tissue lysate)

APOA1 monoclonal antibody (M01), clone 3A11-1A9. Western Blot analysis of APOA1 expression in human kidney.

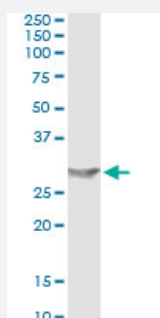


Western Blot (Transfected lysate)

Western Blot analysis of APOA1 expression in transfected 293T cell line by APOA1 monoclonal antibody (M01), clone 3A11-1A9.

Lane 1: APOA1 transfected lysate (Predicted MW: 30.8 KDa).

Lane 2: Non-transfected lysate.

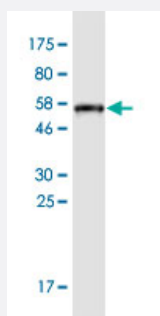
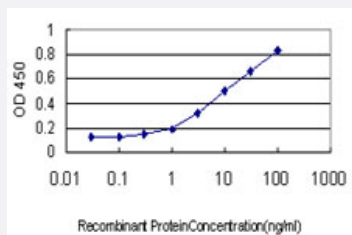


Immunoprecipitation

Immunoprecipitation of APOA1 transfected lysate using anti-APOA1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with APOA1 MaxPab rabbit polyclonal antibody.

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged APOA1 is approximately 0.03ng/ml as a capture antibody.



Western Blot detection against Immunogen (55.11 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant APOA1.
Immunogen	APOA1 (AAH05380, 1 a.a. ~ 267 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MKA AVL TLAVL FLTGSQARHFWQQDEPPQSPWDRVKDLATVYVDVLKDSGRDYVSQFEGSALGKQLNLKLLDNWDSVTSTFSKLREQLGPVTQEFWDNLEKETEGLRQEMSKDLEEVKAKVQPYLDDFQKKWQEEMELYRQKVEPLRAELQEGARQKLHELQEKLSPLGEEMRDRARAHVDALRTHLAPYSDELRLRQLAARLEALKENG GARLA EYHAKATEHLSTLSEKAKPALEDLRQGLLPVLESFKVSFLSALEEYTKKLNTQ
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (55.11 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

APOA1 monoclonal antibody (M01), clone 3A11-1A9. Western Blot analysis of APOA1 expression in human kidney.

[Protocol Download](#)

- Western Blot (Transfected lysate)

Western Blot analysis of APOA1 expression in transfected 293T cell line by APOA1 monoclonal antibody (M01), clone 3A11-1A9.

Lane 1: APOA1 transfected lysate (Predicted MW: 30.8 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of APOA1 transfected lysate using anti-APOA1 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with APOA1 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged APOA1 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — APOA1

Entrez GeneID	335
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GeneBank Accession#	BC005380
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Protein Accession#	AAH05380
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Gene Name	APOA1
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Gene Alias	MGC117399
Gene Description	apolipoprotein A-I
Omim ID	107680 604091
Gene Ontology	Hyperlink
Gene Summary	This gene encodes apolipoprotein A-I, which is the major protein component of high density lipoprotein (HDL) in plasma. The protein promotes cholesterol efflux from tissues to the liver for excretion, and it is a cofactor for lecithin cholesterolacyltransferase (LCAT) which is responsible for the formation of most plasma cholesteryl esters. This gene is closely linked with two other apolipoprotein genes on chromosome 11. Defects in this gene are associated with HDL deficiencies, including Tangier disease, and with systemic non-neuropathic amyloidosis. [provided by RefSeq]
Other Designations	OTTHUMP00000069346 OTTHUMP00000069347 OTTHUMP00000069348 apolipoprotein A1

Publication Reference

- [Elevated IgM against Nε-\(Carboxyethyl\)lysine-modified Apolipoprotein A1 peptide 141-147 in Taiwanese with Alzheimer's disease.](#)

Lin CY, Sheu JJ, Tsai IS, Wang ST, Yang LY, Hsu IU, Chang HW, Lee HM, Kao SH, Lee CK, Chen CH, Lin YF.

Clinical Biochemistry 2018 Jun; 56:75.

Application: IP, WB, Human, Human serum

Pathway

- [PPAR signaling pathway](#)

Disease

- [Albuminuria](#)
- [Alzheimer disease](#)
- [Anemia](#)
- [Angina Pectoris](#)
- [Aortic Valve Stenosis](#)
- [Atherosclerosis](#)

- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebral Hemorrhage](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
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- [Cognition Disorders](#)
- [Coronary Artery Disease](#)
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- [Intracranial Arteriosclerosis](#)
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- [Metabolic Syndrome X](#)
- [Multiple Sclerosis](#)
- [Myocardial Infarction](#)
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- [Postoperative Complications](#)

- [Pre-Eclampsia](#)
- [Premature Birth](#)
- [Recurrence](#)
- [Retinal Diseases](#)
- [Thrombosis](#)
- [Verbal Learning](#)
- [Werner syndrome](#)