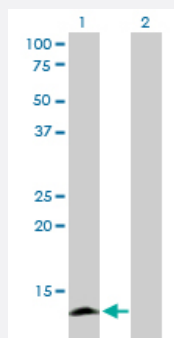


APOC4 monoclonal antibody (M01), clone 3D10

Catalog # H00000346-M01

Size 100 ug

Applications

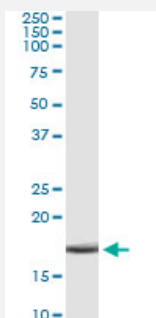


Western Blot (Transfected lysate)

Western Blot analysis of APOC4 expression in transfected 293T cell line by APOC4 monoclonal antibody (M01), clone 3D10.

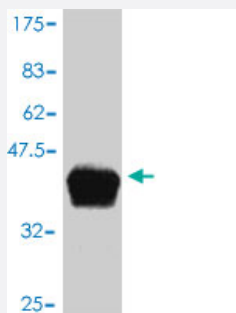
Lane 1: APOC4 transfected lysate(14.6 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of APOC4 transfected lysate using anti-APOC4 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with APOC4 MaxPab rabbit polyclonal antibody.



Western Blot detection against Immunogen (36.85 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full length recombinant APOC4.

Immunogen	APOC4 (AAH20723.1, 27 a.a. ~ 127 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	CQPEAQEGTSLPPPKLKMSRWSLVRGRMKELLETVVNRTRDQWQWFWSPSTFRGFMQTYDD HLRDLGPLTKAWFLESKDSLLKKTTHSLCPRLVCGDKDQG
Host	Mouse
Reactivity	Human
Isotype	IgG2a kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.85 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 (Transfected lysate)

Western Blot analysis of APOC4 expression in transfected 293T cell line by APOC4 monoclonal antibody (M01), clone 3D10.

Lane 1: APOC4 transfected lysate(14.6 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of APOC4 transfected lysate using anti-APOC4 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with APOC4 MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

Gene Info — APOC4

Entrez GeneID

[346](#)

GeneBank Accession#	BC020723
Protein Accession#	AAH20723.1
Gene Name	APOC4
Gene Alias	-
Gene Description	apolipoprotein C-IV
Omim ID	600745
Gene Ontology	Hyperlink
Gene Summary	Apolipoprotein (apo)C4 gene is a member of the apolipoprotein gene family. It is expressed in the liver and has a predicted protein structure characteristic of the other genes in this family. Apo C 4 is a 3.3-kb gene consisting of 3 exons and 2 introns; it is located 0.5 kb 5' to the APOC2 gene. [provided by RefSeq
Other Designations	-

Publication Reference

- [Comparative proteomic profiling of plasma very-low-density and low-density lipoproteins.](#)

Sun HY, Chen SF, Lai MD, Chang TT, Chen TL, Li PY, Shieh DB, Young KC.

Clinica Chimica Acta; International Journal of Clinical Chemistry 2009 Nov; 411(5-6):336.

Application: WB, Human, Human plasma

Disease

- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
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- [Hypercholesterolemia](#)
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- [Thrombosis](#)