

APOC4 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant APOC4.****Catalog # AT1168a****Specification**

APOC4 Antibody (monoclonal) (M01) - Product Information

Application	IP, WB
Primary Accession	P55056
Other Accession	BC020723
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a kappa
Calculated MW	14553

APOC4 Antibody (monoclonal) (M01) - Additional Information**Gene ID** 346**Other Names**

Apolipoprotein C-IV, Apo-CIV, ApoC-IV, Apolipoprotein C4, APOC4

Target/Specificity

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.

Dilution

WB~~1:500~1000

Format

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions

APOC4 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

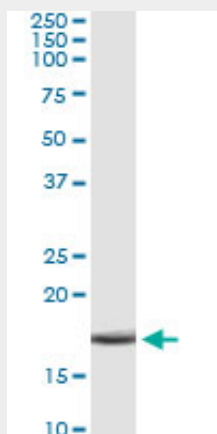
APOC4 Antibody (monoclonal) (M01) - Protocols

Provided below are standard protocols that you may find useful for product applications.

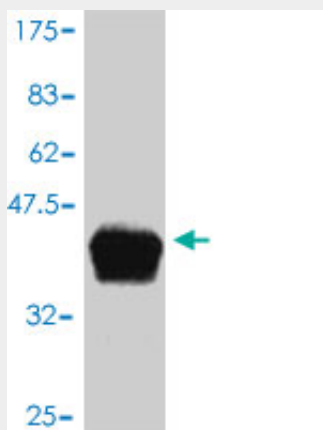
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)

- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

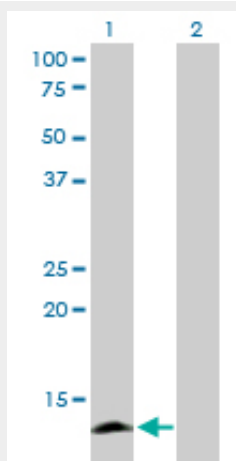
APOC4 Antibody (monoclonal) (M01) - Images



Immunoprecipitation of APOC4 transfected lysate using anti-APOC4 monoclonal antibody and Protein A Magnetic Bead ([U0007](#)), and immunoblotted with APOC4 MaxPab rabbit polyclonal antibody.



Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.85 KDa) .



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.

APOC4 Antibody (monoclonal) (M01) - Background

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 C4 is a 3.3-kb gene consisting of 3 exons and 2 introns; it is located 0.5 kb 5' to the APOC2 gene.

APOC4 Antibody (monoclonal) (M01) - References

1.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.Clin Chim Acta. 2009 Nov 27. [Epub ahead of print]