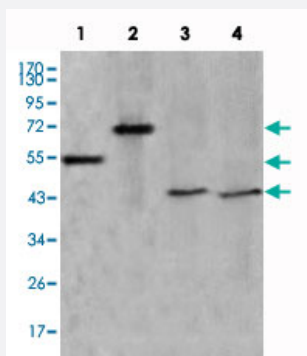


APOA4 monoclonal antibody, clone 2D1C9

Catalog # MAB10488 Size 100 uL

Applications



Western Blot

Western blot analysis using APOA4 monoclonal antibody, clone 2D1C9 (Cat # MAB10488) against truncated APOA4-His recombinant protein (1), truncated APOA4(aa 21-396)-hlgGFc transfected CHO-K1 cell lysate(2), human serum (3) and human plasma (4).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant APOA4.
Immunogen	Recombinant protein corresponding to amino acids 21-396 of human APOA4.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (0.03% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot

Western blot analysis using APOA4 monoclonal antibody, clone 2D1C9 (Cat # MAB10488) against truncated APOA4-His recombinant protein (1), truncated APOA4(aa 21-396)-hlgGfc transfected CHO-K1 cell lysate(2), human serum (3) and human plasma (4).

- Enzyme-linked Immunoabsorbent Assay

Gene Info — APOA4

Entrez GeneID	337
---------------	---------------------

Gene Name	APOA4
-----------	-------

Gene Alias	MGC142154, MGC142156
------------	----------------------

Gene Description	apolipoprotein A-IV
------------------	---------------------

Omim ID	107690
---------	------------------------

Gene Ontology	Hyperlink
---------------	---------------------------

Gene Summary	Apolipoprotein (apo) A-IV gene contains 3 exons separated by two introns. A sequence polymorphism has been identified in the 3'UTR of the third exon. The primary translation product is a 396-residue preprotein which after proteolytic processing is secreted its primary site of synthesis, the intestine, in association with chylomicron particles. Although its precise function is not known, apo A-IV is a potent activator of lecithin-cholesterol acyltransferase in vitro. [provided by RefSeq]
--------------	---

Other Designations	-
--------------------	---

Disease

- [Amyotrophic lateral sclerosis](#)

- [Arteriosclerosis](#)

- [Atherosclerosis](#)

- [Brain Ischemia](#)

- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cerebrovascular Disorders](#)
- [Constriction](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Diabetic Angiopathies](#)
- [Disease Progression](#)
- [Diseases in Twins](#)
- [Drug Toxicity](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Gallstones](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hyperlipidemia](#)
- [Hyperlipidemias](#)
- [Hyperlipoproteinemia Type II](#)
- [Hyperlipoproteinemia Type IV](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Hyperuricemia](#)

- [Infant](#)
- [Inflammation](#)
- [Insulin Resistance](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Obesity](#)
- [Obstetric Labor](#)
- [Osteoporosis](#)
- [Pulmonary Disease](#)
- [Pulmonary Embolism](#)
- [Recurrence](#)
- [Stroke](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Thrombosis](#)
- [Urinary Bladder Neoplasms](#)
- [Venous Thrombosis](#)
- [Werner syndrome](#)