



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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LCAT monoclonal antibody (M01), clone 4A9

Catalog # : H00003931-M01

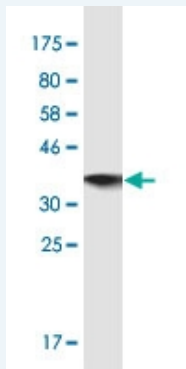
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant LCAT.
Immunogen:	LCAT (AAH14781, 98 a.a. ~ 197 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	CWIDNTRVVYNRSSGLVSNAPGVQIRVPGFGKTY SVEYLDSSKLAGYLH TLVQNLVNNGYVRDETVRAAPYDWRLEPGQQEEYRKLGLVEEMHAA YGK
Host:	Mouse
Reactivity:	Human
Isotype:	IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.63 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

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

MSDS: [Download](#)

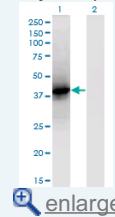
Datasheet: [Download](#)

Applications

Western Blot (Transfected lysate)

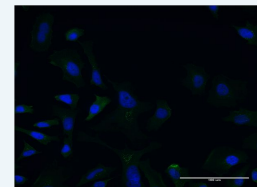
Application Image

Western Blot (Transfected lysate)

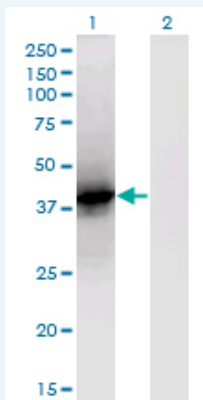


Western Blot (Recombinant protein)

Immunofluorescence



ELISA



Western Blot analysis of LCAT expression in transfected 293T cell line by LCAT monoclonal antibody (M01), clone 4A9.

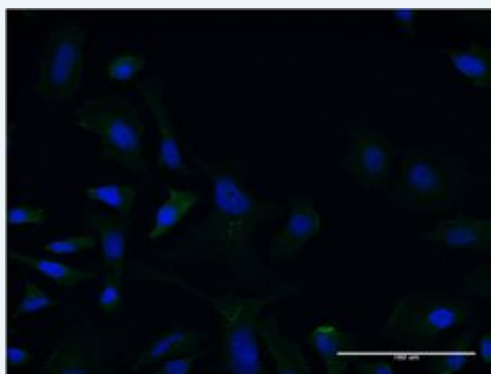
Lane 1: LCAT transfected lysate (Predicted MW: 49.6 KDa).
Lane 2: Non-transfected lysate.

[Protocol Download](#)

Western Blot (Recombinant protein)

[Protocol Download](#)

Immunofluorescence



[enlarge this image](#)

Immunofluorescence of monoclonal antibody to LCAT on HeLa cell . [antibody concentration 10 ug/ml]

[Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [3931](#)

GeneBank [BC014781](#)
Accession#:

Protein [AAH14781](#)
Accession#:

Gene Name: LCAT

Gene Alias: -

Gene Description: lecithin-cholesterol acyltransferase

Omim ID: [136120](#), [245900](#), [606967](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes the extracellular cholesterol esterifying enzyme, lecithin-cholesterol acyltransferase. The esterification of cholesterol is

required for cholesterol transport. Mutations in this gene have been found to cause fish-eye disease as well as LCAT deficiency. [provided by RefSeq]

Other Designations: -

Gene Pathway

[Glycerophospholipid metabolism](#)

Related Disease

[Alzheimer Disease](#) [Alzheimer disease](#) [Atherosclerosis](#) [Atherosclerosis](#) [Calcinosis](#) [Cardiovascular Diseases](#) [Cerebral Infarction](#) [Cleft Lip](#) [Cleft Palate](#) [Coronary Artery Disease](#) [Coronary Disease](#) [Dementia](#) [Diabetes Complications](#) [Diabetes Mellitus, Type 2](#) [Diseases in Twins](#) [Drug Toxicity](#) [Ductus Arteriosus, Patent](#) [Dyslipidemias](#) [Edema](#)

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