



Datasheet for ABIN968963

anti-APOL1 antibody



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1 Image

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Overview

Quantity:	100 µL
Target:	APOL1
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This APOL1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Purified recombinant fragment of APOL1 expressed in E. coli.
Clone:	1D4
Isotype:	IgG1
Purification:	purified

Target Details

Target:	APOL1
Alternative Name:	APOL1 (APOL1 Products)
Background:	Description: APOL1 (apolipoprotein L, 1), also known as APOL, APO-L, APOL-I. Entrez Protein NP_001130012. It is a 395aa secreted high density lipoprotein which binds to apolipoprotein A-I. And is involved in the formation of most cholesteryl esters in plasma and also promotes efflux of cholesterol from cells. The apolipoprotein L gene family encodes six highly

Target Details

homologous proteins designated apoL-I to -VI. This apolipoprotein L family member may play a role in lipid exchange and transport throughout the body, as well as in reverse cholesterol transport from peripheral cells to the liver. Several different transcript variants encoding different isoforms have been found for this gene.

Aliases: APOL, APO-L, APOL- I

Molecular Weight: 44 kDa

Gene ID: 8542

HGNC: 8542

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Ascitic fluid containing 0.03 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

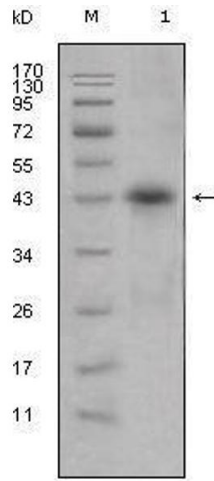
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage

Publications

Product cited in: Dupasquier, Abdel-Samad, Glazer, Bastide, Jay, Joubert, Cavallès, Blache, Quittau-Prévostel: "A new mechanism of SOX9 action to regulate PKC α expression in the intestine epithelium." in: **Journal of cell science**, Vol. 122, Issue Pt 13, pp. 2191-6, (2009) ([PubMed](#)).

Gordon, Tan, Benko, Fitzpatrick, Lyonnet, Farlie: "Long-range regulation at the SOX9 locus in development and disease." in: **Journal of medical genetics**, Vol. 46, Issue 10, pp. 649-56, (2009) ([PubMed](#)).



Western Blotting

Image 1. Western blot analysis using APOL1 mouse mAb against human plasma (1).