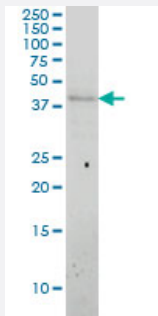


# APOL3 monoclonal antibody (M01A), clone 4E5

Catalog # H00080833-M01A

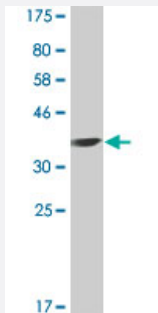
Size 200 uL

## Applications



### Western Blot (Cell lysate)

APOL3 monoclonal antibody (M01A), clone 4E5 Western Blot analysis of APOL3 expression in Jurkat ( Cat # L017V1 ).



Western Blot detection against Immunogen (36.41 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant APOL3.

### Immunogen

APOL3 (NP\_663615, 240 a.a. ~ 336 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

### Sequence

VEHSYTSSAEAEASRLTATSIDRLKVFKEVMRDITPNLLSLLNNYYEATQTIGSEIRAIRQARARARL  
PVTTWRISAGSGGQAERTIAGTTRAVSRG

### Host

Mouse

### Reactivity

Human

### Isotype

IgG2a Kappa

**Quality Control Testing**

Antibody Reactive Against Recombinant Protein.  
Western Blot detection against Immunogen (36.41 KDa) .

**Storage Buffer**

In ascites fluid

**Storage Instruction**

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

## Applications

- Western Blot (Cell lysate)

APOL3 monoclonal antibody (M01A), clone 4E5 Western Blot analysis of APOL3 expression in Jurkat ( Cat # L017V1 ).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

## Gene Info — APOL3

**Entrez GeneID**

[80833](#)

**GeneBank Accession#**

[NM\\_145640](#)

**Protein Accession#**

[NP\\_663615](#)

**Gene Name**

APOL3

**Gene Alias**

APOLIII, CG12-1

**Gene Description**

apolipoprotein L, 3

**Omim ID**

[607253](#)

**Gene Ontology**

[Hyperlink](#)

**Gene Summary**

This gene is a member of the apolipoprotein L gene family, and it is present in a cluster with other family members on chromosome 6. The encoded protein is found in the cytoplasm, where it may affect the movement of lipids, including cholesterol, and/or allow the binding of lipids to organelles . In addition, expression of this gene is up-regulated by tumor necrosis factor-alpha in endothelial cells lining the normal and atherosclerotic iliac artery and aorta. Alternative splicing results in multiple transcript variants. [provided by RefSeq]

**Other Designations**

OTTHUMP00000028913|TNF-inducible protein CG12-1|apolipoprotein L-III|apolipoprotein L3

**Disease**

- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)