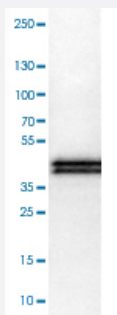


APOL1 monoclonal antibody, clone CL0170

Catalog # MAB15548 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western Blot analysis of human plasma tissue lysate with APOL1 monoclonal antibody, clone CL0170 (Cat # MAB15548).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human APOL1.
Immunogen	Recombinant protein corresponding to human APOL1.
Epitope	This antibody binds to an epitope located within the peptide sequence ESGEQVERVN as determined by overlapping synthetic peptides.
Sequence	SNFLSLAGNTYQLTRGIGKDIRARRARANLQSVPHASASRPRVTEPISAESGEQVERVNEPSILE MSRGVKLTDVAPVSFFLVLDVVYLVYESKHLHEGAKSETAEELKKVAQELEEKLNILNN
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG1
Recommend Usage	Western Blot (1:1000-1:2500) The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% 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 (Tissue lysate)

Western Blot analysis of human plasma tissue lysate with APOL1 monoclonal antibody, clone CL0170 (Cat # MAB15548).

Gene Info — APOL1

Entrez GeneID	8542
Protein Accession#	O14791
Gene Name	APOL1
Gene Alias	APO-L, APOL, APOL-I
Gene Description	apolipoprotein L, 1
Omim ID	181500 603743
Gene Ontology	Hyperlink

Gene Summary	This gene encodes a secreted high density lipoprotein which binds to apolipoprotein A-I. Apolipoprotein A-I is a relatively abundant plasma protein and is the major apoprotein of HDL. It is involved in the formation of most cholesteryl esters in plasma and also promotes efflux of cholesterol from cells. 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. [provided by RefSeq]
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Other Designations	OTTHUMP00000028705 apolipoprotein L-II apolipoprotein L1
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Disease

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