

Datasheet

APOC1 monoclonal antibody (M01), clone 2E2-1A3

Catalog Number: H00000341-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant APOC1.

Clone Name: 2E2-1A3

Immunogen: APOC1 (AAH09698, 1 a.a. ~ 83 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

MRLFLSLPVLVVVLSIVLEGPAQAQGTPDVSSALDKLK
EFGNTLEDKARELISRIKQSELSAKMREWFSETFQKVK
ECLKIDS

Host: Mouse

Reactivity: Human

Applications: ELISA, S-ELISA, WB-Re, WB-Ti, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Isotype: IgG1 kappa

Storage Buffer: In 1x PBS, pH 7.4

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

Entrez GeneID: 341

Gene Symbol: APOC1

Gene Alias: -

Gene Summary: The protein encoded by this gene is a member of the apolipoprotein C1 family. This gene is expressed primarily in the liver, and it is activated when monocytes differentiate into macrophages. A

pseudogene of this gene is located 4 kb downstream in the same orientation, on the same chromosome. This gene is mapped to chromosome 19, where it resides within a apolipoprotein gene cluster. Alternatively spliced transcript variants have been found for this gene, but the biological validity of some variants has not been determined. [provided by RefSeq]

References:

1. Proteins related to lipoprotein profile were identified using a pharmaco-proteomic approach as markers for growth response to growth hormone (GH) treatment in short prepubertal children. Andersson B, Hellgren G, Nierop AF, Hochberg Z, Albertsson-Wikland K. Proteome Sci. 2009 Nov 2;7:40.
2. Apolipoprotein C1 association with Hepatitis C Virus. Meunier JC, Russell RS, Engle RH, Faulk KN, Purcell RH, Emerson SU. J Virol. 2008 Oct;82(19):9647-56. Epub 2008 Jul 30.