

Datasheet

PLTP monoclonal antibody (M01), clone 2F3-G4

Catalog Number: H00005360-M01

Regulatory Status: For research use only (RUO)

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

Clone Name: 2F3-G4

Immunogen: PLTP (AAH05045, 19 a.a. ~ 441 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:

FPGCKIRVTSKALELVKQEGLRFLEQELETITIPDLRGK
EGHFYFNISEVKVTELQLTSSSELDQFQQELMLQITNA
SLGLRFRRLQLLYWFLKVVDFLSTFITSGMRFLNQQIC
PVLYHAGTVLLNSLLDTPVRSSVDELVGIDYSLMKDP
VASTSNLDMDFRGAFFPLTERNWSLPNRAVEPQLQEE
ERMVYVAFSEFFFDSESYFRAGALQLLLVGDKVP
DLDMLLRATYFGSIVLLSPAVIDSPLKLELRLVAPP
RCTIKPSGTTISVTASVTIALVPPDQPEVQLSSMTMDARLSA
KMALRGKALRTQLDLRRFRIYSNHSALSLALIPLQAPL
KTMLQIGVMPMLNERTWRGVQIPLPEGINFVHEVVTN
HAGFLTIGADLHFAKGLREVIEKNRPADVRASTAPTPS
TAAV

Host: Mouse

Reactivity: Human

Applications: ELISA, IHC-P, S-ELISA, WB-Ce, WB-Re, 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: 5360

Gene Symbol: PLTP

Gene Alias: HDLCQ9

Gene Summary: The protein encoded by this gene is one of at least two lipid transfer proteins found in human plasma. The encoded protein transfers phospholipids from triglyceride-rich lipoproteins to high density lipoprotein (HDL). In addition to regulating the size of HDL particles, this protein may be involved in cholesterol metabolism. At least two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

References:

1. Increased Biglycan in Aortic Valve Stenosis Leads to the Overexpression of Phospholipid Transfer Protein via Toll-Like Receptor 2. Derbali H, Bosse Y, Cote N, Pibarot P, Audet A, Pepin A, Arsenault B, Couture C, Despres JP, Mathieu P. Am J Pathol. 2010 Jun;176(6):2638-45. Epub 2010 Apr 9.