9F, No. 108, Jhouzih St.,Taipei, Taiwan
Tel: + 886-2-8751-1888 Fax: + 886-2-6602-1218
E-mail: sales@abnova.com

Datasheet

ANGPTL4 monoclonal antibody (M01), clone 1F7

Catalog Number: H00051129-M01

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against a full length recombinant ANGPTL4.

Clone Name: 1F7

Immunogen: ANGPTL4 (AAH23647.1, 26 a.a. ~ 406 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Sequence:
GPVQSKSPRFASWDEMNVLAHGLLQLGQGLREHAER
TRSQLSALERRLSACGSACQGTEGSTDLPLAPESRVD
PEVLHSLQTQLKAQNSRIQQLFHKVAQQQRHLEKQHL
RIQHLQSQFGLLDHKHLDHEVAKPARRKRLPEMAQPV
DPAHNVSRLHRLPRDCQELFQVGERQSGLFEIQPQGS
PPFLVNCKMTSDGGWTVIQRRHDGSVDFNRPWEAYK
AGFGDPHGEFWLGLEKVHSITGDRNSRLAVQLRDWD
GNAELLQFSVHLGGEDTAYSLQLTAPVAGQLGATTVP
PSGLSVPFSTWDQDHDLRRDKNCAKSLSGGWWFGT
CSHSNLNGQYFRSIPQQRQKLKKGIFWKTWRGRYHP
LQATTMLIQPIAAEAAS

Host: Mouse

Reactivity: Human

Applications: ELISA, S-ELISA
(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: IgG

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: 51129

Gene Symbol: ANGPTL4

Gene Alias: ANGPTL2, ARP4, FIAF, HFARP, NL2, PGAR, pp1158

Gene Summary: This gene is a member of the angiopoietin/angiopoietin-like gene family and encodes a glycosylated, secreted protein with a fibrinogen C-terminal domain. This gene is induced under hypoxic conditions in endothelial cells and is the target of peroxisome proliferation activators. The encoded protein is a serum hormone directly involved in regulating glucose homeostasis, lipid metabolism, and insulin sensitivity and also acts as an apoptosis survival factor for vascular endothelial cells. The encoded protein may play a role in several cancers and it also has been shown to prevent the metastatic process by inhibiting vascular activity as well as tumor cell motility and invasiveness. Decreased expression of this protein has been associated with type 2 diabetes. Alternatively spliced transcript variants encoding different isoforms have been described. This gene was previously referred to as ANGPTL2 but has been renamed ANGPTL4. [provided by RefSeq]