

# ANGPTL4 monoclonal antibody, clone Kairos4-397G

Catalog # MAB16039      Size 100 ug

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against recombinant human ANGPTL4.
<b>Immunogen</b>	Recombinant protein corresponding to coiled-coil domain of human ANGPTL4.
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Form</b>	Liquid
<b>Isotype</b>	IgG1, kappa
<b>Recommend Usage</b>	ELISA (1:500-5000) Western Blot (1:500-5000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.4.
<b>Storage Instruction</b>	For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

## Gene Info — ANGPTL4

<b>Entrez GeneID</b>	<a href="#">51129</a>
<b>Protein Accession#</b>	<a href="#">Q9BY76</a>

Gene Name	ANGPTL4
Gene Alias	ANGPTL2, ARP4, FIAF, HFARP, NL2, PGAR, pp1158
Gene Description	angiopoietin-like 4
Omim ID	<a href="#">605910</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	<p>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]</p>
Other Designations	PPARG angiopoietin related protein angiopoietin-like 4 protein angiopoietin-related protein 4 fasting-induced adipose factor hepatic angiopoietin-related protein hepatic fibrinogen/angiopoietin-related protein peroxisome proliferator-activated receptor (P

## Pathway

- [PPAR signaling pathway](#)

## Disease

- [Amyotrophic lateral sclerosis](#)
- [Anoxia](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Dyslipidemias](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Syndrome](#)
- [Weight Gain](#)