

ANGPTL4 monoclonal antibody, clone Kairos-1

Catalog # MAB16030 Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human ANGPTL4.
Immunogen	Recombinant protein corresponding to human ANGPTL4.
Host	Mouse
Reactivity	Human
Form	Liquid
Isotype	IgG1, kappa
Recommend Usage	ELISA (1:2000-5000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:100-1000) Western Blot (1:2000-5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4.
Storage Instruction	For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Enzyme-linked Immunoabsorbent Assay

Gene Info — ANGPTL4

Entrez GeneID	51129
Protein Accession#	Q9BY76
Gene Name	ANGPTL4
Gene Alias	ANGPTL2, ARP4, FIAF, HFARP, NL2, PGAR, pp1158
Gene Description	angiopoietin-like 4
Omim ID	605910
Gene Ontology	Hyperlink
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](#)