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Anti-Adiponectin Antibody (aa19-244, clone 2C9)

Mouse Anti Human Monoclonal Antibody
Catalog # ALS17318

Product Information

Application	WB, IHC-P
Primary Accession	Q15848
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Names	2C9
Calculated MW	26414
Concentration (mg/ml)	1 mg/ml

Additional Information

Gene ID	9370
Alias Symbol	ADIPOQ
Other Names	ADIPOQ, Adiponectin, ADPN, ACDC, ADIPQTL1, APM-1, APM1, ACRP30, Gelatin-binding protein 28, GBP28, Gelatin-binding protein
Target/Specificity	Human Adiponectin
Reconstitution & Storage	PBS, pH 7.3, 1% BSA, 50% glycerol, 0.02% sodium azide Store at -20°C. Minimize freezing and thawing.
Precautions	Anti-Adiponectin Antibody (aa19-244, clone 2C9) is for research use only and not for use in diagnostic or therapeutic procedures.

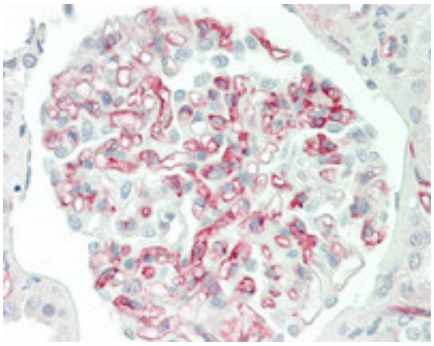
Protein Information

Name	ADIPOQ
Function	Important adipokine involved in the control of fat metabolism and insulin sensitivity upon binding to its receptors ADIPOR1 or ADIPOR2, with direct anti-diabetic effect. Also has anti-atherogenic and anti-inflammatory activities (By similarity). Stimulates AMPK phosphorylation and activation in the liver and the skeletal muscle, enhancing glucose utilization and fatty-acid combustion (By similarity). Antagonizes TNF by negatively regulating its expression in various tissues such as liver and macrophages, and also by counteracting its effects. Inhibits endothelial NF-kappa-B signaling through a cAMP-dependent pathway (PubMed:10982546). May play a role in cell growth, angiogenesis and tissue remodeling by binding and sequestering various growth factors with distinct binding affinities, depending on the type of

complex, LMW, MMW or HMW (By similarity).

Cellular Location	Secreted.
Tissue Location	Synthesized exclusively by adipocytes and secreted into plasma.

Images



Human Kidney: Formalin-Fixed, Paraffin-Embedded (FFPE)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.