



Anti-ADIPOQ monoclonal antibody, clone Adn 27 (CABT-49074MH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview

Mouse anti Human Adiponectin antibody, clone Adn 27 recognizes human adiponectin, (also known as Acrp30), a 244 amino acid major adipokine secreted into the bloodstream from adipose tissue to modulate metabolism, including glucose regulation and fatty acid catabolism. Unlike most other adipokines, adiponectin is secreted exclusively by differentiating adipocytes at reduced levels during obesity. The serum level of adiponectin is inversely correlated with BMI (body mass index) of an individual, and has an anti-inflammatory action, playing an important role in type II diabetes (insulin sensitivity) and atherosclerosis.

Specificity	ADIPOQ
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	Adn 27
Conjugate	Unconjugated
Applications	ELISA
Format	Purified IgG - liquid
Size	200 µg
Preservative	0.09% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	ADIPOQ adiponectin, C1Q and collagen domain containing [Homo sapiens (human)]
Official Symbol	ADIPOQ
Synonyms	ADIPOQ; adiponectin, C1Q and collagen domain containing; ACDC; ADPN; APM1; APM-1; GBP28; ACRP30; ADIPQTL1; adiponectin; gelatin-binding protein 28; adipose specific collagen-like factor; 30 kDa adipocyte complement-related protein; adipocyte complement-re
Entrez Gene ID	9370
Protein Refseq	NP_001171271
UniProt ID	Q15848
Chromosome Location	3q27
Pathway	AMPK signaling; AMPK signaling pathway; Adipocytokine signaling pathway; Adipogenesis; Developmental Biology; Non-alcoholic fatty liver disease (NAFLD); PPAR signaling pathway; Transcriptional regulation of white adipocyte differentiation;
Function	cytokine activity; hormone activity; identical protein binding; protein binding; protein homodimerization activity; receptor binding; sialic acid binding;