

Acrp30 (108-244) Human

Adiponectin (108-244 a.a.) Human Recombinant
CYK0008

Product Overview

Name Acrp30 (108-244) Human

Description

Adiponectin (108-244 a.a.) Human Recombinant

Accession (Primary) [Q15848](#)

Immunogen

Anti-human adiponectin mAb, is derived from hybridization of mouse SP2/O myeloma cells with spleen cells from BALB/c mice immunized with Recombinant human adiponectin amino acids 15-244 purified from E. coli.

Synonyms

Acrp30, AdipoQ, GBP-28, APM-1, ACDC.

Introduction

Human Adiponectin is a secreted protein expressed exclusively in differentiated adipocyte (adipokine). Adiponectin contains a modular structure comprising an N-terminal collagenous domain followed by a C-terminal globular domain. APM-1 plays a role in various physiological processes such as energy homeostasis and obesity. Plasma levels of adiponectin are reduced in obese humans, and decreased levels are associated with insulin resistance and hyperinsulinemia.

Physical Appearance

Sterile Filtered solution.

Formulation

containing PBS, pH-7.4, & 0.1% Sodium Azide

Applications

Adiponectin antibody has been tested by ELISA and Western blot analysis to assure specificity and reactivity. Recommended dilution range for Western blot analysis is 1:250 ~ 1:1,000. The antibody has the specificity against globular domain of adiponectin. Recommended starting dilution is 1:500.

Type

Mouse Anti Human Monoclonal.

Clone

P1G12AT.

Ig Subclass

Mouse IgG1 heavy chain and k light chain.

Purification Method

Adiponectin antibody was purified from mouse ascitic fluids by protein-G affinity chromatography.

Storage Procedures

For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Precautions

Acrp30 (108-244) Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: ([Q15848](#))