



# Magic™ Anti-ADIPOQ monoclonal antibody, clone Beo38 (DMAB-L21024)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with native human adiponectin
<b>Antigen Description</b>	This gene is expressed in adipose tissue exclusively. It encodes a protein with similarity to collagens X and VIII and complement factor C1q. The encoded protein circulates in the plasma and is involved with metabolic and hormonal processes. Mutations in this gene are associated with adiponectin deficiency. Multiple alternatively spliced variants, encoding the same protein, have been identified.
<b>Specificity</b>	Human serum adiponectin
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Clone</b>	Beo38
<b>Purification</b>	Chromatography on protein A Sepharose
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Recommended pairs for total adiponectin immunodetection in sandwich immunoassay (capture/detection): DMAB-L21023–DMAB-L21024
<b>Buffer</b>	PBS, pH 7.4, 0.1 % sodium azide (NaN <sub>3</sub> )
<b>Preservative</b>	0.1% Sodium Azide

## GENE INFORMATION

Gene Name	<a href="#">ADIPOQ adiponectin, C1Q and collagen domain containing [ Homo sapiens ]</a>
Official Symbol	ADIPOQ
Synonyms	ACDC; ADPN; APM1; GBP28; ACRP30; ADIPQTL1; adiponectin; ACRP; 30 kDa adipocyte complement-related protein; Adipocyte C1q and collagen domain-containing protein; Adipose most abundant gene transcript 1 protein; OTTHUMP00000210047; OTTHUMP00000210048; gelatin-binding protein 28
Entrez Gene ID	<a href="#">9370</a>
Protein Refseq	<a href="#">NP_001171271</a>
UniProt ID	<a href="#">A8K660</a>
Chromosome Location	3q27
Pathway	Adipocytokine signaling pathway, organism-specific biosystem; PPAR signaling pathway; organism-specific biosystem; Transcriptional Regulation of White Adipocyte Differentiation, organism-specific biosystem; Type II diabetes mellitus
Function	Cytokine activity; eukaryotic cell surface binding hormone activity; identical protein binding; protein binding; protein homodimerization activity; receptor binding