



Anti-ADIPOQ monoclonal antibody, clone C479M (DMAB1511MH)

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

PRODUCT INFORMATION

Product Overview	MAb to Adiponectin Monoclonal Antibody to Human Adiponectin
Antigen Description	Adiponectin is a 244-amino-acid-long polypeptide. There are four distinct regions of adiponectin. The first is a short signal sequence that targets the hormone for secretion outside the cell; next is a short region that varies between species; the third is a 65-amino acid region with similarity to collagenous proteins; the last is a globular domain.
Specificity	Human serum adiponectin.
Immunogen	Human recombinant Adiponectin
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	C479M
Affinity Constant	Not determined
Purification	>90% pure (SDS-PAGE). Protein A chromatography
Conjugate	Unconjugated
Concentration	5.3mg/ml (Sigma protein assay kit)
Size	1 mg
Buffer	PBS, pH 7.4

Preservative	0.1% Sodium Azide
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Storage	Store at 2-8°C.
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GENE INFORMATION

Gene Name	ADIPOQ adiponectin, C1Q andcollagen domain containing [Homo sapiens]
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Official Symbol	ADIPOQ
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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
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Entrez Gene ID	9370
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Protein Refseq	NP_001171271
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UniProt ID	A8K660
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Chromosome Location	3q27
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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
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Function	Cytokine activity; eukaryotic cell surface binding hormone activity; identical protein binding; protein binding; protein homodimerization activity; receptor binding
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