

## Adiponectin Antibody

<b>Catalog number:</b>	A2010040
<b>Lot number:</b>	0120A0040
<b>Expiration date:</b>	1/31/24
<b>Package Size:</b>	0.25 mg
<b>Other names:</b>	Antibody to human ADIPOQ; adiponectin, C1Q and collagen domain containing; ACDC, adipocyte, C1Q and collagen domain containing; adiponectin; ACRP30; AdipoQ
<b>Supplied as:</b>	Solution
<b>Concentration:</b>	2.0 mg/mL
<b>Clonality:</b>	Monoclonal (Two clones are available independently or as a pair: 5E4 and 4F11)
<b>Specificity:</b>	Human Adiponectin
<b>Isotype:</b>	IgG1
<b>Purification:</b>	Chromatography on protein A Sepharose
<b>Immunogen</b>	Native human Adiponectin
<b>Preservative:</b>	0.05% sodium azide
<b>Storage:</b>	2-8°C (short term). -20°C (long term). Avoid repeated freeze-thaw.

### Product Description:

Mouse monoclonal antibody to native human Adiponectin. Two clones are available (5E4 and 4F11), which can be used independently or as a capture-detection pair. Antibodies are suitable for applications such as Adiponectin immunoassays, ELISA, ICC, ICC/IF, IHC-P and WB. Adiponectin is a 247-amino acid protein-hormone which regulates glucose and fatty acids metabolism. In humans, it is produced by the adipose tissue and secreted into the blood stream. Adiponectin has been shown to increase insulin sensitivity and low levels of Adiponectin have been correlated to insulin resistance. In addition, Adiponectin is involved in many pathways that include Adipocytokine signaling pathway, Adipocytokine signaling pathway, Adipogenesis, Developmental Biology, PPAR signaling pathway, PPAR signaling pathway and Transcriptional Regulation of White Adipocyte Differentiation.

**WARNING:** This product is for **Research Use Only (RUO)**. This product is not for administration to humans or animals. This product is not for human or veterinary diagnostic or therapeutic use.

**SAFETY:** User must review the **Material Safety Data Sheet (MSDS)** provided with this product. In addition, this product should not be ingested, inhaled, swallowed or put in contact with eyes, skin or clothes.

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