

DESCRIPTION

Species Reactivity	Rat
Specificity	Detects rat Adiponectin/Acrp30 in ELISAs. In direct ELISAs, no cross-reactivity with recombinant human or recombinant mouse Adiponectin is observed.
Source	Monoclonal Mouse IgG ₁ Clone # 861812
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant rat Adiponectin/Acrp30 Met1-Asn244 Accession # NP_653345
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunocytochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Adiponectin, also known as Adipocyte complement-related protein of 30 kDa (Acrp30), is a secreted adipose tissue-specific protein. It is an anti-atherogenic, anti-diabetic and anti-inflammatory hormone that plays important roles in the regulation of lipid and glucose metabolism. Rat Adiponectin/Acrp30 shares 91% and 83% amino acid sequence homology with mouse and human Adiponectin/Acrp30, respectively.

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