

MONOCLONAL ANTIBODY

For research use only. Not for clinical diagnosis.

Catalog No. KTR001-20

Anti-human Adiponectin Monoclonal Antibody

BACKGROUND

Adiponectin is a multimeric adipocyte-specific secretory protein that regulates energy homeostasis, lipid metabolism, and insulin sensitivity with direct anti-diabetic, anti-atherogenic and anti-inflammatory properties.

Product type	Monoclonal antibodies
Host	Mouse
Purification	Protein A affinity chromatography
Form	Liquid
Volume	20ug
Concentration	400ug /mL in PBS, pH7.4
Specificity	Human Adiponectin
Antigen	The silkworm, <i>Bombyx mori</i> (baculovirus)-derived a recombinant human Adiponectin
Isotype	IgG1
Clone	56

Application notes WB, Direct ELISA
Recommended use

Recommended dilutions

Western Blot: 1-2ug/ml for ECL

Direct ELISA: 0.5-2ug/ml

Optimal dilutions/concentrations should be determined by the end user.

Cross reactivity Human Adiponectin. Other species has not been tested.

Storage Store at -20°C
Avoid repeated freezing and thawing.

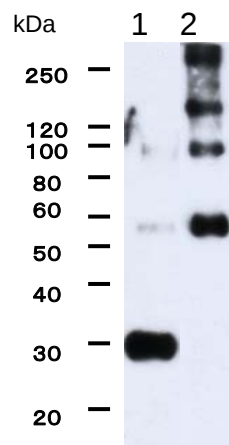


Figure: Western blot analysis of a recombinant Adiponectin.
Lane 1: Denaturing recombinant Adiponectin.
Lane 2: Non-denaturing recombinant Adiponectin.
The protein bands were visualized with ECL detection system.

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