

Rabbit anti- Mouse Adiponectin mAb (CAP)

Catalog No.: RM17786

Basic Information

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RM17786

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification


Endotoxin Level


Storage
This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free.


Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2µm filtered solution in PBS with 0.1% BSA, pH 7.4 containing Mouse Adiponect Antibody.

Contact

 | order@abclonal.com

 | support@abclonal.com

 | www.abclonal.com

Background

Receptor for ADIPOQ, an essential hormone secreted by adipocytes that regulates glucose and lipid metabolism (PubMed:17327425, PubMed:17268472, PubMed:24742672). Required for normal glucose and fat homeostasis and for maintaining a normal body weight (PubMed:17327425, PubMed:24742672). ADIPOQ-binding activates a signaling cascade that leads to increased AMPK activity, and ultimately to increased fatty acid oxidation, increased glucose uptake and decreased gluconeogenesis (PubMed:12802337, PubMed:17327425, PubMed:17268472, PubMed:24742672). Has high affinity for globular adiponectin and low affinity for full-length adiponectin (PubMed:12802337)

Immunogen Information

Immunogen
Recombinant Mouse Adiponect Protein

Cross-Reactivity

No cross-reactivity in ELISA assay with recombinant Mouse TNF-alpha Human Adiponectin

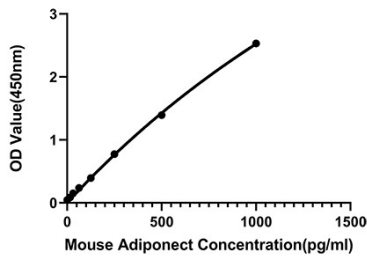
Assay Applications

Mouse Adiponect Sandwich ELISA Immunoassay

	Recommended Concentration	Sample
ELISA Capture	0.5-2µg/mL	Rabbit anti-Mouse Adiponect(CAP)(Cat. No.RM17786)
ELISA Detection	0.0083-0.03µg/mL	Rabbit anti-Mouse Adiponect(DET)(Cat. No.RM17719)
Standard	15.6-1000pg/mL	Recombinant Mouse Adiponect Protein

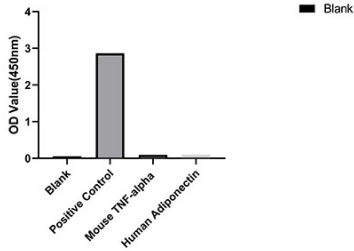
Validation Data

Mouse Adiponect ELISA Kit



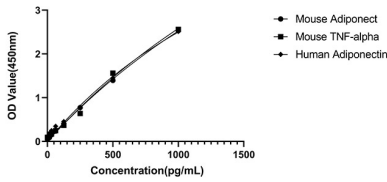
This standard curve is only for demonstration purposes. A standard curve should be generated for each assay.

Specificity



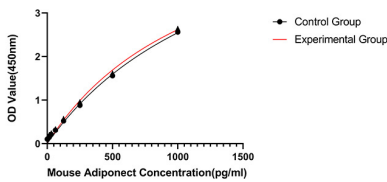
From the comparison of the standard curve, it is found that ABclonal has high sensitivity.

Interference



No significant cross-reactivity or interference was observed.

Stability



Placed at 37°C for 3 days, the stability of the standard curve all conform to CV <10%.