

Anti-Adiponectin [399R]

Catalogue number: 153654

Sub-type: Primary antibody

Images:

Contributor

Inventor:

Institute: BioServ UK Ltd

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Adiponectin [399R]

Alternate name: Adiponectin, 3 kDa adipocyte complement-related protein, Adipocyte complement-related 3 kDa protein, ACRP3, Adipose most abundant gene transcript 1 protein, apM-1, Gelatin-binding protein, ADIPOQ, ACDC, ACRP3, APM1, GBP28

Class: Monoclonal

Conjugate: Unconjugated

Description: Adiponectin plays an important role in pathogenesis and amplification of insulin-resistant states in humans, where levels are reduced in patients with type-2 diabetes and obesity. (Hotta K, et al.) Clone 399R is used to detect plasma adiponectin concentrations. Clone 399R is also used in a combination ELISA with clone 32F8, acting as the capture antibody.

Purpose: Marker

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human

Selectivity:

Host: Mouse

Immunogen: Synthetic peptide corresponding to the tail region of the Adiponectin molecule

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Adiponectin

Target alternate names:

Target background: Adiponectin plays an important role in pathogenesis and amplification of insulin-resistant states in humans, where levels are reduced in patients with type-2 diabetes and obesity. (Hotta K, et al.) Clone 399R is used to detect plasma adiponectin concentrations. Clone 399R is also used in a combination ELISA with clone 32F8, acting as the capture antibody.

Molecular weight:

Ic50:

Applications

Application: ELISA

Application notes:

Handling

Format: Liquid

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Hazell, M.J. (2009) Development and Clinical Applications of Immunoassays for Human Adiponectin. Thesis. Oxford Brookes University ; Miller et al. 2011. Am J Physiol Endocrinol Metab. 301(4):E659-67. PMID: 21750269. ; Secretion of adipokines by human adipose tissue in vivo: partitioning between capillary and lymphatic transport. ; Kiewiet et al. 2011. J Endocrinol Invest. 34(6):434-8. PMID: 20959720. ; Acute effects of acylated and unacylated ghrelin on total and high molecular weight adiponectin in morbidly obese subjects. ; Sodi et al. 2009. Clin Biochem. 42(13-14):1375-80. PMID: 19523465. ; The circulating concentration and ratio of total and high molecular weight adiponectin in post-menopausal women with and without osteoporosis and its association with body mass index and biochemical markers of bone metabolism. ; Barber et al. 2008. J Clin Endocrinol Metab. 93(7):2859-65. PMID: 18445670. ; Serum levels of retinol-binding protein 4 and adiponectin in women with polycystic ovary syndrome: associations with visceral fat but no evidence for fat mass-independent effects on pathogenesis in this condition. ; Hotta et al. 2000. Arterioscler Thromb Vasc Biol. 20(6):1595-9. PMID: 10845877. ; Plasma concentrations of a novel, adipose-specific protein, adiponectin, in type 2 diabetic patients.

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