Datasheet for ABIN7566444

anti-Resistin antibody

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Overview

Quantity:	100 µg
Target:	Resistin (RETN)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Resistin antibody is un-conjugated
Application:	ELISA

Product Details

Purpose:	anti-Resistin (human), mAb (HRES106)
Immunogen:	Recombinant human resistin.
Clone:	HRES106
Isotype:	IgG2a kappa
Characteristics:	Monoclonal antibody. Recognizes human resistin. Does not cross-react with mouse resistin. Applications: ELISA. Isotype: Mouse IgG2akappa. Clone: HRES106. Liquid. In PBS containing 0.02 % sodium azide. The adipokine resistin which belongs to a family of cysteine-rich C-terminal proteins known as resistin-like molecules (RELM, RELMα/FIZZ 1 and RELMβ/FIZZ 2) of FIZZ (found in inflammatory zone) that are thought to be involved in inflammatory processes. Previous studies in mice showed that resistin impairs glucose tolerance and insulin action. In addition, resistin also inhibits adipogenesis in murine 3T3-L1 cells. Therefore resistin has also been proposed as an adipocyte-secreted factor thought to link obesity and T2DM.

Product Details

	Resistin is secreted by obese subcutaneous adipose tissue and impaired myotube thickness and nuclear fusion by activation of the classical NF-κB pathway. In human, resistin levels are increased in the serum of obese individuals and resistin is used as a severity marker of asthma. The adipokine resistin which belongs to a family of cysteine-rich C-terminal proteins known as resistin-like molecules (RELM, RELMalpha/FIZZ 1 and RELMbeta/FIZZ 2) of FIZZ (found in inflammatory zone) that are thought to be involved in inflammatory processes. Previous studies in mice showed that resistin impairs glucose tolerance and insulin action. In addition, resistin also inhibits adipogenesis in murine 3T3-L1 cells. Therefore resistin has also been proposed as an adipocyte-secreted factor thought to link obesity and T2DM. Resistin is secreted by obese subcutaneous adipose tissue and impaired myotube thickness and nuclear fusion by activation of the classical NF-kappaB pathway. In human, resistin levels are increased in the serum of obese individuals and resistin is used as a severity marker of asthma.
Purification:	Puified
Purity:	>95 % (SDS-PAGE)

Target Details

Target:	Resistin (RETN)
Alternative Name:	Resistin (RETN Products)
UniProt:	Q9HD89
Pathways:	Feeding Behaviour, Smooth Muscle Cell Migration

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	In PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	After opening, prepare aliquots and store at -20 °C.Avoid freeze/thaw cycles.
Storage:	4 °C,-20 °C
Storage Comment:	+4°C Stable for at least 1 year after receipt when stored at -20°C.