

Datasheet for ABIN181156
anti-Resistin antibody



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2 Images

Overview

Quantity:	0.5 mg
Target:	Resistin (RETN)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Resistin antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	Highly pure (>98%) recombinant Human Resistin
Isotype:	IgG2b
Specificity:	This antibody detects Human Resistin. Other species not tested.
Characteristics:	Synonyms: FIZZ3, HXCP1, RSTN, ADSF, Adipose tissue-specific secretory factor, C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein, Cysteine-rich secreted protein A12-alpha-like 2, Cysteine-rich secreted protein FIZZ3
Purification:	Purified from cell culture by Protein A Affinity Chromatography

Target Details

Target:	Resistin (RETN)
Alternative Name:	Resistin (RETN Products)

Target Details

Background:	Resistin, also known as Adipocyte Secreted Factor (ADSF) and FIZZ3, is a cytokine that is specifically secreted by adipocytes and seems to suppress the ability of insulin to stimulate glucose uptake into adipose cells. While the function of resistin is not well understood, it appears to have key paracrine roles and has a suggested role in type 2 diabetes.Synonyms: ADSF, Adipose tissue-specific secretory factor, C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein, Cysteine-rich secreted protein A12-alpha-like 2, Cysteine-rich secreted protein FIZZ3, FIZZ3, HXCP1, RETN, RSTN
Gene ID:	56729
UniProt:	Q9HD89
Pathways:	Feeding Behaviour , Smooth Muscle Cell Migration

Application Details

Application Notes:	ELISA: In a sandwich ELISA (assuming 100µL/well), a concentration of 4.0-8.0 µg/mL of this antibody will detect at least 200 pg/mL of recombinant human Resistin when used with Biotin anti-human Resistin antibody (cat. PP1214B) as the detection antibody at a concentration of at least 0.5-1.0 µg/mL. Western Blot: To detect Human Resistin by Western Blot analysis this antibody can be used at a concentration of 0.20-0.40 µg/mL. Used in conjunction with compatible secondary reagents the detection limit for recombinant hResistin is 0.20-0.40 ng/lane, under non-reducing conditions. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Reconstitution:	Restore in sterile water to a concentration of 1.0 mg/mL
Buffer:	PBS without preservatives
Preservative:	Without preservative
Storage:	4 °C/-20 °C
Storage Comment:	The lyophilized antibody is stable at room temperature for one month or at -20 °C for longer. Following reconstitution it is stable at 2-8 °C for six weeks. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

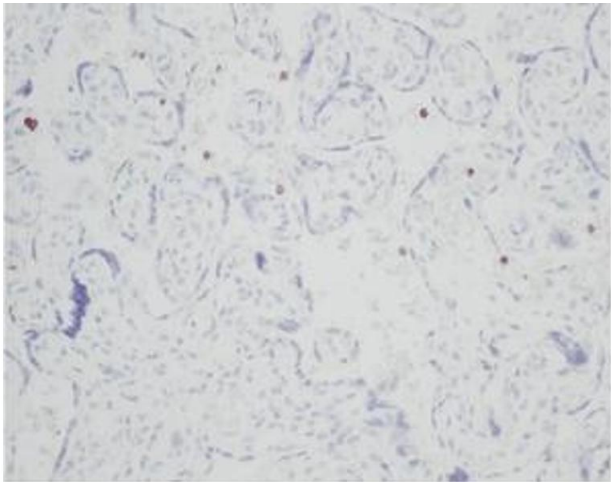
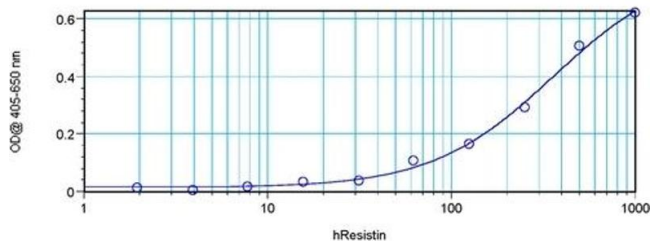
Handling

Expiry Date: 12 months

Images

Flow Cytometry

Image 1.



Immunohistochemistry

Image 2.