

Product datasheet for **AM01373PU-N**

Resistin (RETN) Mouse Monoclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA: In a Sandwich ELISA (assuming 100 µl/well), a concentration of 0.5 µg/ml of this antibody will detect at least 150 pg/ml of recombinant Human Resistin when used with Biotin anti-Human Resistin antibody (Cat.-No. 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 Human Resistin is 0.20-0.40 ng/lane, under non-reducing conditions. Immunohistochemistry: This antibody stained formalin-fixed, paraffin-embedded sections of human normal placenta. <i>Recommended concentration:</i> 1.0 µg/ml with a two hour incubation at room temperature. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 6.0 sodium citrate buffer is recommended. Optimal concentrations and conditions may vary.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Highly pure (>98%) E.coli derived recombinant Human Resistin (Cat.-No PA205)
Specificity:	This antibody detects Human Resistin. Other species not tested.
Formulation:	PBS without preservatives State: Azide Free State: Lyophilized (sterile filtered) purified IgG fraction
Reconstitution Method:	Restore in sterile water to a concentration of 1.0 mg/ml
Purification:	Purified from cell culture by Protein A Affinity Chromatography
Conjugation:	Unconjugated



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Storage: Store lyophilized at 2-8°C for 6 months or at -20°C long term.
 After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.
 Avoid repeated freezing and thawing.

Stability: Shelf life: one year from despatch.

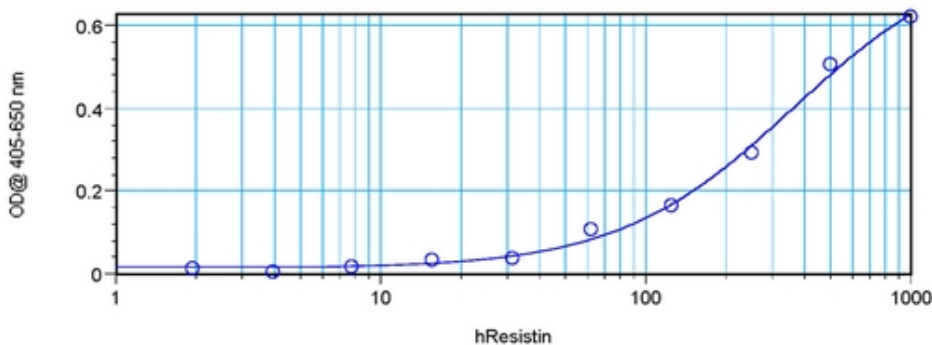
Gene Name: resistin

Database Link: [Entrez Gene 56729 Human Q9HD89](#)

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: RETN, FIZZ3, HXCP1, RSTN, ADSF

Product images:



Sandwich ELISA using anti-Human Resistin Antibody Cat.-No AM01373PU-N

