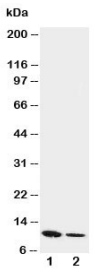
Resistin Antibody (R30545)

Catalog No.	Formulation	Size
R30545	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	Q99P87
Applications	Western blot: 0.5-1ug/ml IHC (FFPE): 0.5-1ug/ml
Limitations	This Resistin antibody is available for research use only.



Western blot testing of Resistin antibody and Lane 1: recombinant mouse protein 10ng; 2: 5ng

Description

Resistin, also known as adipose tissue-specific secretory factor(ADSF) or C/EBP-epsilon-regulated myeloid-specific secreted cysteine-rich protein(XCP1) is a cysteine-rich protein that in humans is encoded by the RETN gene. The resistin gene comprises 4 exons, the first of which is untranslated, and spans approximately 1,750 bp. The human resistin gene is localized to a cloned fragment of human chromosome 19. In primates, pigs and dogs, resistin is secreted by immune and epithelial cells while in rodents, it is secreted by adipose tissue. Resistin is a cytokine whose physiologic role has been the subject of much controversy regarding its involvement with obesity and type II diabetes mellitus.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the Resistin antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of mouse Resistin (CHCQCARIDWTAARCCKLQVAS) was used as the immunogen for this Resistin antibody.

Storage

After reconstitution, the Resistin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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