

## Resistin Antibody (R30545)

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

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<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Mouse
<b>Format</b>	Antigen affinity purified
<b>Clonality</b>	Polyclonal (rabbit origin)
<b>Isotype</b>	Rabbit IgG
<b>Purity</b>	Antigen affinity
<b>Buffer</b>	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
<b>UniProt</b>	Q99P87
<b>Applications</b>	Western blot : 0.5-1ug/ml IHC (FFPE) : 0.5-1ug/ml
<b>Limitations</b>	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 (CHCQCARIDWTAARCKLQVAS) was used as the immunogen for this Resistin antibody.

## Storage

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