

DESCRIPTION

Species Reactivity	Human
Specificity	Detects human Resistin in Western blots. In this format, less than 5% cross-reactivity is observed with rmResistin, rmRELM α and rmRELM β .
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	<i>E. coli</i> -derived recombinant human Resistin Ser17-Pro108 Accession # Q9HD89
Formulation	Lyophilized from a 0.2 μ m filtered solution in PBS with BSA as a carrier protein. See Certificate of Analysis for details.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. [General Protocols](#) are available in the [Technical Information](#) section on our website.

	Recommended Concentration	Sample
Western Blot	0.1 μ g/mL	Recombinant Human Resistin

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.2 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	<p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <ul style="list-style-type: none"> ● 12 months from date of receipt, -20 to -70 °C as supplied. ● 1 month, 2 to 8 °C under sterile conditions after reconstitution. ● 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Human Resistin is an 11 - 12 kDa member of a small family of inflammation-related cysteine-rich polypeptides. It is named for its antagonistic activity towards insulin (resistance to insulin), and contains five intrachain disulfide bonds that generate a mixture of α -helices and β -sheets. Secreted resistin forms disulfide-linked homodimers that likely oligomerize. Resistin may also form nondisulfide-linked heterodimers with RELM β . One alternate splice form exists that shows an in-frame 26 amino acid (aa) deletion between amino acids 40 - 65. The significance is unclear. Mature human Resistin is 50% aa identical to human RELM β and 56% aa identical to mouse Resistin.