

DESCRIPTION

Species Reactivity	Rat
Specificity	Detects rat RELMy in direct ELISAs and Western blots. In direct ELISAs and Western blots, no cross-reactivity with recombinant human (rh) Resistin, recombinant mouse (rm) Resistin, rmRELMA, rmRELMβ, or rhRELMβ is observed.
Source	Monoclonal Mouse IgG ₁ Clone # 395310
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant rat RELMy Asp24-Ser111 Accession # NP_853656
Conjugate	Alexa Fluor 700 Excitation Wavelength: 675-700 nm Emission Wavelength: 723 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

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.

Western Blot Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.

Stability & Storage Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Resistin-like molecule gamma (RELMy) is a 9 kDa secreted cysteine-rich protein belonging to the resistin/FIZZ family that is expressed in bone marrow, spleen and circulating granulocytes. It is suggested to play a role in promyelocytic differentiation. RELMy possibly dimerizes with other resistin family members. The 88 aa mature rat RELMy shares 84% aa identity with mouse RELMy. It also shares 46-71% aa sequence identity with other family members.

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