

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detect mouse IL-20 Rα in direct ELISAs and Western blots. In direct ELISAs, this antibody does not cross-react with recombinant mouse IFN-α/β R1, recombinant human (rh) IFN-γ R1, rhIFN-γ R2, rhIL-10 Rβ, rhIL-20 Rα, or rhIL-20 Rβ.
Source	Monoclonal Rat IgG ₁ Clone # 227702
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse IL-20 Rα Val33-Lys253 Accession # Q6PHB0
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 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

IL-20 Rα is a class II cytokine receptor that associates with another class II cytokine receptor to form a heterodimeric receptor complex which transduces signals from IL-10 family cytokines. IL-20 Rα complexes with IL-20 Rβ to transduce IL-19, IL-20, or IL-24 signals. It also complexes with IL-10 Rβ to transduce IL-26 signals.

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