

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse IL-20 R α in Western blots. In Western blots, approximately 50% cross-reactivity with recombinant human (rh) IL-20 R α is observed and less than 1% cross-reactivity with rhIL-20-R β , rhIFN- γ RI, rhIFN- γ RII, and rhIL-10 R β is observed.
Source	Polyclonal Sheep IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse IL-20 R α Val33-Lys253 Accession # Q6PHB0
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 Mouse IL-20 R α

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

IL-20 R α , also known as IL-20 RI, CRF2-8 and ZCYTOR7, belongs to the class II cytokine receptor family. It heterodimerizes with IL-20 R β to form the functional receptor complex that mediates IL-19, IL-20, or IL-24 signals. IL-20 R α also heterodimerizes with IL-10 R β to form the functional receptor complex for IL-26.