



Anti-human IL-20 R α Antibody

ORDERING INFORMATION

Catalog Number: AF1176

Lot Number: GZM01

Size: 100 μ g

Formulation: 0.2 μ m filtered solution in PBS
with 5% trehalose

Storage: -20° C

Reconstitution: sterile PBS

Specificity: human IL-20 R α extracellular
domain

Immunogen: NS0-derived rhIL-20 R α
extracellular domain

Ig Type: goat IgG

Applications: Direct ELISA
Western blot
Flow cytometry

Preparation

Produced in goats immunized with purified, NS0-derived, recombinant human interleukin 20 receptor alpha (rhIL-20 R α) extracellular domain. IL-20 R α was previously known as an orphan class II cytokine receptor ZCYTOR7. Human IL-20 R α specific IgG was purified by human IL-20 R α affinity chromatography.

Formulation

Lyophilized from a 0.2 μ m filtered solution in phosphate-buffered saline (PBS) with 5% trehalose.

Endotoxin Level

< 0.1 EU per 1 μ g of the antibody as determined by the LAL method.

Reconstitution

Reconstitute with sterile PBS. If 1 mL of PBS is used, the antibody concentration will be 0.1 mg/mL.

Storage

Lyophilized samples are stable for twelve months from date of receipt when stored at -20° C to -70° C. Upon reconstitution, the antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20° C to -70° C **in a manual defrost freezer** for six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity

This antibody was selected for its ability to recognize human IL-20 R α in the applications listed below.

Applications

Direct ELISA - This antibody can be used at 0.5 - 1.0 μ g/mL with the appropriate secondary reagents to detect human IL-20 R α . The detection limit for rhIL-20 R α is approximately 0.5 ng/well. In this format, this antibody shows approximately 5% cross-reactivity with rhIFN- α / β R α , rhIFN- γ R2 and rhIL-10 R β .

Western blot - This antibody can be used at 0.1 - 0.2 μ g/mL with the appropriate secondary reagents to detect human IL-20 R α . The detection limit for rhIL-20 R α is approximately 5 ng/lane under non-reducing and reducing conditions.

Flow cytometry - This antibody can be used at 3 - 10 μ g/mL/10⁶ cells with an appropriate secondary antibody for indirect immunofluorescence staining of cells by flow cytometry.

Optimal dilutions should be determined by each laboratory for each application.