



ORDERING INFORMATION

Catalog Number: BAF553

Lot Number: EVR01

Size: 50 µg

Formulation: 0.2 µm filtered solution in PBS
with BSA

Storage: -20° C

Reconstitution: sterile 0.1% BSA in TBS

Specificity: rmlL-5 R α

Immunogen: NS0-derived rmlL-5 R α
extracellular domain

Ig Type: mouse IL-5 R α extracellular domain
specific goat IgG

Application: Western blot

Biotinylated Anti-mouse IL-5 R α Antibody

Preparation

Produced in goats immunized with purified, NS0-derived, recombinant mouse interleukin 5 receptor alpha (rmlL-5 R α) extracellular domain. Mouse IL-5 R α specific IgG was purified by mouse IL-5 R α affinity chromatography and then biotinylated.

Formulation

Lyophilized from a 0.2 µm filtered solution in phosphate-buffered saline (PBS) containing 50 µg of bovine serum albumin per 1 µg of antibody.

Reconstitution

Reconstitute with sterile Tris-buffered saline pH 7.3 (20 mM Trizma base, 150 mM NaCl) containing 0.1% BSA. If 1 mL of buffer is used, the antibody concentration will be 50 µg/mL.

Storage

Lyophilized samples are stable for greater than six months when held at -20° C to -70° C. Upon reconstitution, the antibody can be stored at 2° - 4° C for at least 1 month without detectable loss of activity. Reconstituted antibody can also be aliquotted and stored frozen at -20° C to -70° C for at least six months without detectable loss of activity. **Avoid repeated freeze-thaw cycles.**

Specificity

This antibody has been selected for use as a detection antibody in mouse IL-5 R α western blots.

Application

Western Blot - This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect mouse IL-5 R α . The detection limit for rmlL-5 R α is approximately 2 ng/lane under non-reducing and reducing conditions. In this format, this antibody shows approximately 10% cross-reactivity with rhIL-5 R α and less than 1% cross-reactivity with rmlL-4 R, rhIL-9 R, rhIL-13 R α 1 and rmlL-13 R α 2.

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