



Biotinylated Anti-human GFR α -3 Antibody

ORDERING INFORMATION

Catalog Number: BAF670

Lot Number: EDU01

Size: 50 μ g

Formulation: 0.2 μ m filtered solution in PBS and BSA

Storage: -20° C

Reconstitution: sterile 0.1% BSA in TBS

Specificity: rhGFR α -3

Immunogen: Sf 21-derived rhGFR α -3

Ig Type: human GFR α -3 specific goat IgG

Application: Western blot

Preparation

Produced in goats immunized with purified, Sf 21-derived, recombinant human glial cell line-derived neurotrophic factor receptor alpha 3 (rhGFR α -3) which lacks the C-terminal hydrophobic domain. GFR α -3 specific IgG was purified by human GFR α -3 affinity chromatography and then biotinylated.

Formulation

Lyophilized from a 0.2 μ m filtered solution in phosphate-buffered saline (PBS) containing 50 μ g of bovine serum albumin per 1 μ g 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 μ g/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 human GFR α -3 western blots.

Application

Western Blot - This antibody can be used at 0.1 - 0.2 μ g/mL with the appropriate secondary reagents to detect human GFR α -3. The detection limit for rhGFR α -3 is approximately 2 ng/lane under non-reducing and reducing conditions. In this format, this antibody shows no cross-reactivity with rrGFR α -1 and rhGFR α -2.

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