



Biotinylated Anti-human FGF-17 Antibody

ORDERING INFORMATION

Catalog Number: BAF319

Lot Number: DXV01

Size: 50 µg

Formulation: 0.2 µm filtered solution in PBS

Storage: -20° C

Reconstitution: sterile 0.1% BSA in TBS

Specificity: rhFGF-17

Immunogen: *E. coli*-derived rhFGF-17

Ig Type: human FGF-17 specific goat IgG

Application: Western blot

Preparation

Produced in goats immunized with purified, *E. coli*-derived, recombinant human fibroblast growth factor 17 (rhFGF-17). FGF-17 specific IgG was purified by human FGF-17 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 human FGF-17 western blots.

Application

Western Blot - This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect human FGF-17. The detection limit for rhFGF-17 is approximately 5 ng/lane under non-reducing and reducing conditions. In this format, this antibody shows approximately 10% cross-reactivity with rhFGF-8b and rmFGF-8c and no cross-reactivity with rhFGF-4, rhFGF-5, rhFGF-6, rhFGF-7 and rhFGF-10.

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