



Biotinylated Anti-human BMP-1/PCP Antibody

ORDERING INFORMATION

Catalog Number: BAF1927

Lot Number: CDFT01

Size: 50 µg

Formulation: 0.2 µm filtered solution in PBS with BSA

Storage: -20° C

Reconstitution: sterile 0.1% BSA in TBS

Specificity: human BMP-1

Immunogen: NS0-derived rhBMP-1 (aa 121 - 730)

Ig Type: goat IgG

Application: Western blot

Preparation

Produced in goats immunized with purified, NS0-derived, recombinant human Bone Morphogenetic Protein 1/Procollagen C-Proteinase (rhBMP-1/PCP; aa 121 - 730). Human BMP-1 specific IgG was purified by human BMP-1 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 (BSA) 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 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 has been selected for use as a detection antibody in human BMP-1 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 BMP-1. The detection limit for rhBMP-1 is approximately 10 ng/lane under non-reducing and reducing conditions.

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