



## ***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.**

 **フナコシ株式会社**

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FOR RESEARCH USE ONLY. NOT FOR USE IN HUMANS.

**R&D Systems, Inc.**  
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