

**PRODUCT INFORMATION SUMMARY****Anti-Human-BMP-7**

Purified Antibody	Product Number	RHF912	0.1 mg
Biotin Conjugate	Product Number	RHF912B	50.0 ug

**SPECIFICITY:**

**Rabbit** polyclonal antibody specific for Human BMP-7. These polyclonal antibodies were raised against highly purified recombinant human BMP-7 immunogen.

**SOURCE:** **Rabbit** antiserum, Purified by Antigen-Affinity Chromatography, to produce highly specific, high titre preparation.

**RESEARCH APPLICATIONS:**

Development of quantitative immunoassays ; Western Blot;  
Identification of human BMP-7 in tissue sections, body fluids.

**NEUTRALIZING ACTIVITY:** Antibody concentration of 0.5 ug/mL achieved half-maximal inhibition of 100.0 ng/mL human BMP-7.

**ELISA:** Antibody concentration of 0.5 ug/mL (100 uL per well) was used to detect 0.2 ng/well recombinant human BMP-7. For **Biotin conjugate**, use at 0.2 - 0.3 ug/mL (optimize all concentrations).

**IHC:** Staining of paraffin-embedded ( formalin fixation) human breast tissue achieved using: Antigen retrieval; Heat treated with sodium citrate buffer ( pH 6.0). Antibody concentration of 0.25 ug/mL - incubated overnight @ 4 Deg. C. using HRP ( DAB) detection system.

**WESTERN BLOT:** Antibody concentration of 0.2 ug/mL used to detect 1.5 ng /lane of recombinant BMP-7 under both reducing and non-reducing conditions.

**HANDLING AND STORAGE:**

Lyophilized, purified antibody upon reconstitution with 0.5 ml of distilled ( or sterile) water will be in a medium containing 0.01M phosphate-buffered saline, pH 7.4. **For Biotin conjugate, reconstitute in 500 uL sterile water containing 0.1% BSA.** These preparations should be diluted in a protein-containing or other stabilizing medium to a concentration suitable for use in specific protocols. Lyophilized reagents should be stored at -20° C until reconstitution. For long-term storage, reagents should be stored frozen at -20° C, in small aliquots, at high concentration.

**RESEARCH USE ONLY NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE.**

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