



## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet

## Rabbit Anti Human BMP-4 With HRP-Conjugated Second Antibody

**Catalog No.**  
DS-PB-00290

**Target Species**  
Human

**Isotype**  
IgG

### Preparation

**Immunogen:** Synthetic peptide corresponding to the amino acids 1 - 16 of the native molecule conjugated to Keyhole limpet Haemocyanin.

**Purification:** Ig fraction prepared by ammonium sulphate precipitation

**Peptide Sequence:** S-P-K-H-H-S-Q-R-A-R-K-K-N-K-N-C

### Formulation

**Product Type:** Polyclonal Antibody

**Product Form:** Ig fraction - liquid

**Buffer Solution:** Phosphate buffered saline

**Preservative Stabilizers:** 0.09% Sodium Azide ( $\text{NaN}_3$ )

**Approx. Protein Concentration:** IgG concentration 2.6 mg/ml

### Applications

Table Summary of antibody applications and working conditions

Options / Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	.			1/600 - 1/2400

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

### Secondary Antibody Applications

Options / Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	.			1:5000-1:10000

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for diagnostic or therapeutic use.**



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### **Storage**

Store at +4°C or at -20°C if preferred.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted.

Avoid repeated freezing and thawing as this may denature the antibody.

Should this product contain a precipitate we recommend microcentrifugation before use.

**Shelf Life:** 18 months from date of dispatch

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