



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Sheep Anti Human Cortisol Binding Globulin

With HRP-conjugated Secondary Antibody

| | | |
|--------------------|-----------------------|----------------|
| Catalog No. | Target Species | Isotype |
| DS-PB-00539 | Human | Polyclonal IgG |

Description: Sheep Anti Human Cortisol Binding Globulin
Specificity: Cortisol Binding Globulin
Other Names: CBG
Immunogen: Native, from serum

Specificity

DS-PB-00539 recognizes Cortisol Binding Globulin (CBG), also known as Transcortin, which is produced by the liver. It is regulated by estrogens and is therefore elevated in pregnant women. It binds a number of hormones including Cortisol, Aldosterone and Progesterone.

Species Cross Reactivity

Does not react with: Guinea Pig, Cat, Rabbit, Pig, Mouse, Bovine, Rat, Goat, Dog, Horse, Chicken

Formulation

Product Type: Polyclonal Antibody
Product Form: Ig fraction – liquid
Buffer Solution: Phosphate buffered saline, pH 7.2
Preservative Stabilizers: 0.09% Sodium Azide (NaN₃)
Approx. Protein Concentrations: Ig concentration 1.0 mg/ml
Preparation: Ig fraction prepared by ammonium sulfate precipitation

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.

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



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Applications

Table Summary of antibody applications and working conditions

| Options Functions | YES | NO | Not determined | Recommended Work dilution or concentration |
|------------------------------|------------|-----------|-----------------------|---|
| ELISA | . | | | |
| Western Blotting | | | . | |
| Immunohistology - frozen | . | | | |
| Immunohistology - paraffin | | | . | |
| Immunohistology - resin | | | . | |
| Immunoprecipitation | | | . | |
| Flow Cytometry | | | . | |
| Immunofluorescence staining | | | . | |
| Neutralization | | | . | |

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 |

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