



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet

SHEEP ANTI BOVINE CATALASE

With HRP-conjugated Secondary Antibody

Catalog No.
DS-PB-00385

Target Species
Bovine

Isotype
IgG

Preparation

Immunogen: Native, from liver.

Purification: Purified Ig prepared by affinity chromatography on Protein G.

Formulation

Product Type: Polyclonal Antibody

Product Form: Purified IgG - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide (NaN_3)

Approx. Protein Concentration: IgG concentration 6.1 mg/ml

Specificity

ELISA: DS-PB-00385 has been used in a simple ELISA using 1 μg of antigen coated per well and alkaline phosphatase conjugated anti ovine IgG for detection, the 50% OD was observed at an antibody dilution of 1/1000.

Immunohistology: DS-PB-00385 has been successfully used in confocal microscopy at 1/50 using the HepG2 cell line.

Storage

Store at $+4^\circ\text{C}$ 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 shipment

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			•	
IHC - Paraffin			•	
IHC – Frozen	•			
Immunoprecipitation			•	
Flow Cytometry			•	

Note: Other applications are not tested yet. Optimal dilutions should be determined by the user.

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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