



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

RABBIT ANTI BOVINE ARGINASE

With HRP-conjugated Secondary Antibody

Catalog No.
DS-PB-00189

Species
Bovine

Isotype
Rabbit IgG

Preparation

Immunogen: Arginase from bovine liver

Purification: Ig fraction prepared by ion exchange chromatography

Specificity

DS-PB-00189 is specific for bovine arginase, a manganese-containing enzyme, found in the liver that catalyzes the conversion of arginine to ornithine and urea.

Analysis of DS-PB-00189 by immunoelectrophoresis resulted in a single precipitin arc against rabbit serum, as well as purified and partially purified arginase from bovine liver.

Reacts with: Human. Antibody reactivity and working conditions may vary between species.

Formulation

Product Form: Purified Ig fraction - liquid

Buffer Solution: Phosphate buffered saline

Preservative & Stabilizers: 0.09% Sodium Azide

Approx. Protein Concentrations: IgG concentration 5.0 mg/ml

Storage

18 months shelf life. Store at +4°C or at -20°C if preferred.

This product should be stored undiluted. Storage in frost-free freezers is not recommended. Should this product contain a precipitate we recommend microcentrifugation before use.

Please avoid freeze-thaw cycles.

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



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

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

Reference

1. Abd-El-Aleem, S. A. et al. (2000) Expression of nitric oxide synthase isoforms and arginase in normal human skin and chronic venous leg ulcers. J. Pathol. 191(4): 434-442.
2. Jude, E. B. et al. (1999) The role of nitric oxide synthase isoforms and arginase in the pathogenesis of diabetic foot ulcers: possible modulatory effects by transforming growth factor beta 1. Diabetologia. 42(6): 748-757.

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