



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

MOUSE ANTI PORCINE INTERLEUKIN-1 BETA: Azide Free With HRP-conjugated Secondary Antibody

Catalog No.	Species	Isotype
DS-MB-01604	Pig	IgG1

Preparation

Preparation: Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant

Immunogen: Recombinant porcine IL-1 beta

Specificity

This product is specific for porcine interleukin-1 beta (IL-1 beta).

IL-1 beta is principally expressed by macrophages, and plays an important immunomodulatory role in the porcine immune response.

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG - liquid

Preservatives & Stabilizers: None

Buffer Solution: Phosphate buffered saline

Approx. Protein Concentrations: IgG concentration 1.0 mg/ml

Endotoxin Level: <0.015 EU/ug

Storage

18 months from date of dispatch.

Store at -20°C.

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.

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

**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	•			1ug/ml - 5ug/ml
Functional Assays			•	

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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