



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti Bovine Interleukin-4

With HRP-conjugated Secondary Antibody

Catalog No.

DS-MB-01656

Species

Bovine

Isotype

IgG2a

Preparation

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

Immunogen: Recombinant bovine IL-4

Fusion Partners: Spleen cells from immunised BALB/c mice were fused with cells of the SP2/O myeloma cell line.

Specificity

DS-MB-01656 is specific for bovine interleukin 4 (IL-4).

IL-4 is expressed by a range of cells including T and B cells, macrophages and monocytes. It plays an important role in the regulation of bovine T and B cell responses.

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG - liquid

Preservatives & Stabilizers: 0.09% Sodium Azide

Buffer Solution: Phosphate buffered saline pH7.4

Approx. Protein Concentrations: IgG concentration 1.0 mg/ml

Endotoxin Level: <0.01 EU/ug

Storage

Store at -20°C only. This product should be stored undiluted. Storage in frost-free freezers is not recommended. 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	•			2ug/ml – 5ug/ml
Western Blotting			•	
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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