



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti Pig Interferon Alpha 1:Azide Free

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01579

Target Species
Pig

Isotype
IgG1

Preparation

Purification: Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant

Immunogen: Recombinant full-length porcine IFN alpha 1

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

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG – liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: None present

Concentration: IgG concentration 0.5 mg/ml

Specificity

DS-MB-01579 recognizes porcine interferon (IFN) alpha 1, which is a member of the type 1 IFN family of related proteins produced by leucocytes and fibroblasts.

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.

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			•	
Flow Cytometry			•	
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

References

1. L'Haridon, R.M., *et al.* (1991) Production of an hybridoma library to recombinant porcine alpha I interferon: a very sensitive assay (ISBBA) allows the detection of a large number of clones. Hybridoma 10: 35-47.

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