



## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet

#### **Rat Anti Dinitrophenol** **With HRP-conjugated secondary antibody**

**Catalog No.**  
DS-MB-01173

**Target Species**  
Chemical

**Isotype**  
IgE

#### ***Preparation***

**Purification:** Purified IgE prepared by affinity chromatography

#### ***Specificity***

DS-MB-01173 recognizes the dinitrophenyl (DNP) hapten.

#### ***Formulation***

**Product Form:** Purified IgE - liquid

**Product Type:** Monoclonal Antibody

**Buffer Solution:** Phosphate buffered saline

**Preservative Stabilizers:** 0.09% Sodium Azide

**Approx. Protein Concentrations:** IgE concentration 1.0 mg/ml

#### ***Storage***

Store at +4°C or at -20°C if preferred.

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 dispatch.

**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

<b>Options Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
ELISA	.			1.25ug/ml (as detection antibody)
Western Blotting			.	
Immunohistology - frozen			.	
Immunohistology – paraffin			.	
Immunohistology - resin			.	
Immunoprecipitation			.	
Flow Cytometry			.	
Immunodiffusion			.	
Neutralization			.	

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

### Secondary Antibody Applications

<b>Options Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
Immunoassay (ELISA, Western blot)	.			1:1000-1:2000

### Reference

1. Pivniouk, V. *et al.* (1999) SLP-76 deficiency impairs signalling via the high-affinity IgE receptor in most cells. J. Clin. Invest. 103(12): 1737 - 1743.

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