

## 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](http://www.raybiotech.com)  
Email: [info@raybiotech.com](mailto:info@raybiotech.com)

### Certificate of Analysis and Data Sheet

## Rat Anti-Canine CD45R

### With HRP-conjugated Secondary Antibody

**Catalog No.**  
DS-MB-00697

**Species**  
Dog

**Isotype**  
IgG2b

### **Preparation**

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

**Immunogen:** Canine thymocytes

**Fusion Partners:** Spleen cells from immunized DA rat were fused with cells of the Y3/Ag1.2.3 rat myeloma cell line

### **Specificity**

This antibody was clustered as a canine CD45R at the first canine Leucocyte Antigen workshop. It precipitates an antigen of 220kD and may be against a CD45R isoform. It is expressed on subsets of leukocytes (neutrophils are weak) in canine blood of all out bred mongrels and beagles tested.

### **Formulation**

**Product Type:** Monoclonal Antibody

**Product Form:** Purified IgG - liquid.

**Buffer Solution:** Phosphate buffered saline

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

**Preservative Stabilizers:** 0.09% Sodium Azide

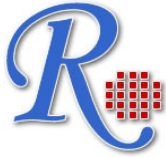
### **Storage**

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**

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA			.	
Western Blotting			.	
Immunohistology - frozen	.			
Immunohistology - paraffin			.	
Cytotoxic Assays	.			
Immunoprecipitation	.			
Flow Cytometry (1)	.			

**Note:** Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.  
 (1) Use 10ul of the suggested working dilution to label  $1 \times 10^6$  cells in 100ul.

### 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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