



## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet

## Mouse Anti-Human CD31 With HRP-conjugated Secondary Antibody

**Catalog No.**  
DS-MB-00614

**Target Species**  
Human

**Isotype**  
IgG1

### Preparation

**Immunogen:** Recombinant human CD31

**Fusion Partners:** Spleen cells from immunized mice were fused with cells of the mouse p3-NS1-Ag4-1 myeloma cell line

### Specificity

DS-MB-00614 recognizes the human CD31 cell surface antigen, a 140kD glycoprotein also known as PECAM-1.

CD31 is expressed by platelets, monocytes, granulocytes, B cells and endothelial cells.

### Formulation

**Product Type:** Monoclonal Antibody

**Product Form:** Tissue Culture Supernatant - liquid

**Preservative Stabilizers:** 0.09% Sodium Azide

### Applications

Options	YES	NO	Not determined	Recommended Work dilution or concentration
Functions				
Immunohistology - Frozen		.		
Immunohistology - Paraffin(1)	.			1/50 - 1/100
Immunohistology - Resin			.	
Elisa			.	

**Note:** Other applications are not tested yet. Optimal dilutions should be determined.

(1) Histology Positive Control Tissue: Tonsil. This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium Citrate buffer pH6.0 is recommended for this purpose

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for diagnostic or therapeutic use.**



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### Secondary Antibody Applications

<div>Options</div> <div>Functions</div>	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5,000-1:10,000

### 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.

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