



## RayBiotech, Inc.

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### Certificate of Analysis and Data Sheet

## Mouse Anti Cancer Antigen 125 (CA125), Ovarian Cancer, Group B

Catalog No.	Species	Isotype
MD-16-0008	Human	IgG <sub>1</sub>

### Preparation

<b>Host Animal:</b>	Mouse. Hybridization of SP2/0 myeloma cells with spleen cells from Balb/c mice.
<b>Source:</b>	Ascites
<b>Immunogen:</b>	CA125 antigen purified from human ovarian carcinoma (MW >1 million Da)
<b>Purification:</b>	>90% pure (SDS-PAGE). Ion exchange chromatography

### Specificity

This product is Specific to group B on the CA125 antigen. (ISOBM classification)

### Formulation

<b>Format:</b>	Purified, Liquid
<b>Concentration:</b>	11mg/ml (OD280nm, E <sup>0.1%</sup> = 1.4)
<b>Affinity Constant:</b>	Not determined
<b>Buffer:</b>	10mM Tris, 0.15M Sodium chloride, pH 7.5
<b>Preservative:</b>	0.05% Sodium azide

### Storage

Store at 2–8°C.

**Centrifuge before opening to ensure complete recovery of vial contents.**

**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</b> <b>Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
ELISA	•			
Western Blotting	•			
immunohistochemistry (frozen)			•	
EIA			•	
Flow Cytometry			•	
Immunofluorescence staining			•	
Competitive RIA			•	

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

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