



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti Cancer Antigen 125 (CA125), Ovarian Cancer, Group A

Catalog No.	Species	Isotype
MD-16-0007	Human	IgG ₁

Preparation

Host Animal:	Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from Balb/c mice.
Source:	Ascites
Immunogen:	CA125 antigen purified from human ovarian carcinoma (MW >1 million Da)
Purification:	>90% pure (SDS-PAGE). Ion exchange chromatography

Specificity

It is Specific to group A.

Formulation

Format:	Purified, Liquid
Concentration:	2.7mg/ml (OD280nm, E ^{0.1%} = 1.4)
Affinity Constant:	Not determined
Buffer:	0.15M Sodium chloride, 10mM Tris, pH 7.5
Preservative:	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

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
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.
* HRP conjugation is not recommended.

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