



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti Cancer Antigen 125 (CA125), Ovarian Cancer

Catalog No.	Species	Isotype
MD-16-0006	Human	IgG ₁

Preparation

Host Animal:	Mouse. Hybridization of FO myeloma cells with spleen cells from Balb/c mice.
Source:	Ascites
Immunogen:	Ovarian Cancer Antigen
Purification:	≥95% pure (SDS-PAGE). Protein A chromatography Product is 0.2µm filtered.

Specificity

Recognizes an epitope on the CA125 containing mucin. The antibody does not recognize the OC-125 epitope, but pairs well with the OC-125 specific monoclonal antibodies when used in a sandwich assay.

Formulation

Format:	Purified, Liquid
Concentration:	2.56mg/ml (OD280nm, E ^{0.1%} = 1.4) Total protein: 3.58 OD280 Units
Affinity Constant:	Not determined
Buffer:	PBS, pH 7.4 ± 0.2
Preservative:	0.1% Sodium azide

Storage

Short-term stored at 2-8° C. Long term, aliquot and stored at -20° C.

Avoid multiple freeze/thaw cycles.

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)	•			2µg/ml
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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